FINAL PROPOSED ACTION MEMORANDUM FOR IHSS 101 AND RCRA CLOSURE OF THE RFETS SOLAR EVAPORATION PONDS

Prepared by:

Kaiser-Hill Company, L.L.C.

December 2002



ADMIN RECORD

I101-A-000294

1696

FINAL PROPOSED ACTION MEMORANDUM FOR IHSS 101 AND RCRA CLOSURE OF THE RFETS SOLAR EVAPORATION PONDS

December 2002





TABLE OF CONTENTS

| 1.0 | INTRODUCTION | 8 |
|--------------|--|----------|
| 1.1 | Purpose and Objective | 10 |
| 1.2 2.0 | RCRA Closure Requirements | 10 12 |
| 2.1 | Solar Evaporation Ponds | 13 |
| 2.2 | Other Units, PACs, and IHSSs | |
| 3.0 | NATURE AND EXTENT OF CONTAMINATION | 31 |
| 3.1 | Groundwater Contamination | 32 |
| 3.2 | Soil Contamination | 34 |
| 3.3 | Liner Contamination | |
| 4.0 | FUTURE LAND USE | |
| 5.0 6.0 | EVALUATION OF RISKS | |
| 6.1 | RCRA Closure | |
| 6.2 | | |
| 6.3 | Summary | |
| 7.0 | ENVIRONMENTAL IMPACTS | |
| 7.1 | Air Quality | |
| 7.2 | | |
| 7.3 | Groundwater | |
| 7.4 | Ecological Resources | |
| 7.5 | Soil and Geology | |
| 7.6 | Human Health and Safety | |
| 7.7 | Irreversible and Irretrievable Commitment of Resources | |
| 7.8 | | |
| 8.0 | LONG TERM STEWARDSHIP | |
| 8.1 | Current Site Conditions | 48 |
| 8.2 | Proposed Action Memorandum Measures | 49 |
| 8.3 | Monitoring | 49 |
| 8.4 | Stewardship Actions and Recommendations | |
| 9.0 | BEST MANAGEMENT PRACTICE ACTIONS | |
| 9.1 | , | |
| 9.2 | <u> </u> | |
| 9.3 | , , | |
| 9.4 | | |
| 10.0 | ADMINISTRATIVE RECORDRESPONSIVENESS SUMMARY | |
| 11.0 12.0 | REFERENCES | |
| | | |

ATTACHMENTS

| Attachment I | Data Adequacy Evaluation |
|----------------|---|
| Attachment II | Human Health Risk Assessment, Solar Evaporation Ponds |
| Attachment III | Responsiveness Summary |

LIST OF TABLES

| Table 2-1 Solar Evaporation Pond Designations and Status (Source: DOE, 1992a.) | 18 |
|--|----|
| Table 2-2 Completion Table For the SEP | |
| Table 2-3 RCRA Unit Dimensions | |
| Table 6-1 Completion Table III | 43 |
| LIST OF FIGURES | |
| Figure 2-1 Site Map With SEP Area Delineated | 14 |
| Figure 2-2 Chronological History of Pond Construction, Operation, and Removal | |
| Figure 2-3 Solar Evaporation Ponds and Associated Components | 26 |

ACRONYMS AND ABBREVIATIONS

AHA Activity Hazard Analysis

AL action level

ALARA As Low As Reasonably Achievable
ALF Action Levels and Standards Framework

Am americium

AOC Area of Concern

AR Administrative Record

BMP best management practice

BZ Buffer Zone

CAD/ROD Corrective Action Decision/Record of Decision

CCR Colorado Code of Regulations
CDD Closure Description Document

CDH Colorado Department of Public Health

CDPHE Colorado Department of Public Health and Environment

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

CFR Code of Federal Regulations
CHWA Colorado Hazardous Waste Act
CID Cumulative Impact Document
COC contaminant of concern

Cs Cesium

DOE U.S. Department of Energy

dpm/kg disentegrations per minute per kilogram

EDE effective dose equivalent

EPA U.S. Environmental Protection Agency

ER Environmental Restoration

ER RSOP Environmental Restoration RFCA Standard Operating Procedure for

Routine Soil Remediation

FY Fiscal Year

GIS Geographic Information System
GPR Ground Penetrating Radar

GS gauging station

HASP Health and Safety Plan

HHRA Human Health Risk Assessment

HI Hazard Index

HRR Historical Release Report

HSWA Hazardous and Solid Waste Amendments

HQ Hazard Quotient IA Industrial Area

IAG Inter-Agency Agreement

IASAP Industrial Area Sampling and Analysis Plan

IHSS Individual Hazardous Substance Site
IM/IRA Interim Measure/Interim Remedial Action

IMP Integrated Monitoring Program

ISMS Integrated Safety Management System

ITS Interceptor Trench System

IWCP Integrated Work Control Program

Solar Evaporation Ponds, Final Proposed Action Memorandum Date: 12/02

Revision: 0 Page 4

ACRONYMS AND ABBREVIATIONS

JHA Job Hazard Analysis

K-H Kaiser-Hill Company, L.L.C.
mg/Kg milligrams per kilogram
mg/L milligram per liter

mrem millirem

MSTs Modular Storage Tanks

NEPA National Environmental Policy Act

NFA No Further Action

NPWL New Process Waste Lines
OPWL Original Process Waste Lines

OSHA Occupational Safety and Health Administration
OSWER Office of Solid Waste and Emergency Response

OU Operable Unit PA Protected Area

PAC Potential Area of Concern
PAM Proposed Action Memorandum
PCP

PCB polychlorinated biphenyl

PCE tetrachloroethene pCi/L picocuries per liter

PCOC potential contaminant of concern

PM₁₀ particulate matter less than 10 micrometers in aerodynamic diameter

ppb part per billion

PPE personal protective equipment

ppm part per million

PRG preliminary remediation goals

Pu plutonium

PVC polyvinyl chloride

Ra radium

RAAMP Radioactive Ambient Air Monitoring Program RCRA Resource Conservation and Recovery Act

RFCA Rocky Flats Cleanup Agreement

RfD Reference Dose

RFETS Rocky Flats Environmental Technology Site

RFCAB Rocky Flats Citizen Advisory Board

RFCLOG Rocky Flats Coalition of Local Governments

RFFO Rocky Flats Field Office

RFI/RI RCRA Facility Investigation/Remedial Investigation

RME reasonable maximum exposure

RMRS Rocky Mountain Remediation Services
RSOP RFCA Standard Operating Protocol

SAP Sampling and Analysis Plan
SEP Solar Evaporation Ponds
SPP Solar Ponds Plume

Sr strontium

SVOC semivolatile organic compound

SWD Soil Water Database

SWMU Solid Waste Management Unit

ACRONYMS AND ABBREVIATIONS

TAL Target Analyte List

TCLP Toxicity Characteristic Leaching Procedure

TDS total dissolved solids
TLL total long lived

TM Technical Memorandum
TSP total suspended particulates

U uranium

UBC Under Building Contamination
UHSU upper hydrostratigraphic unit
VOC volatile organic compound

WARP Well Abandonment and Replacement Program

WRW Wildlife Refuge Worker

EXECUTIVE SUMMARY

Closure of the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101, at Rocky Flats Environmental Technology Site (RFETS), is proposed under alternative Resource Conservation and Recovery Act (RCRA) interim status closure requirements found in 6 Code of Colorado Regulations (CCR) 1007-3, Section 265.110(d). Alternative closure requirements are proposed because a release from the SEP has occurred, resulting in radiological and hazardous constituent contamination. Releases from other units in the area of the SEP have also contributed to the SEP area of contamination. This alternative approach allows contamination from these units within this area to be evaluated as one Area of Concern (AOC), and allows RCRA closure using a risk-based analysis and compliance with the closure performance standards in 6 CCR 1007-3, Section 265.111(a) and (b). A risk assessment was performed based on identified contaminants of concern (COCs) within the AOC, and these findings are included in this Proposed Action Memorandum (PAM). (The AOC is equivalent to IHSS 101 with a few modifications.)

The risk assessment included an evaluation of existing soil and pond liner material analytical data stored in electronic format in the RFETS environmental Soil Water Database (SWD). The data were collected during previous Phase I field investigations and sitewide sampling programs. The data were then screened and COCs were selected and evaluated to determine the risk posed to proposed future human wildlife refuge workers (WRWs) (DOE et al. 2002). Based on the results of the risk assessment, the cumulative Hazard Index (HI)¹ for non-carcinogenic health effects is well below 1 at 0.04. The total cancer risk² to a WRW due to RCRA constituents (for purposes of RCRA closure) is less than 1 excess cancer case per 1 million exposed individuals (1E-06) at 3E-07. The total cancer risk to a WRW due to radionuclides (for IHSS 101) is 2E-06, with the major contributors to risk being americium-241 and uranium-235. Therefore, based on achieving protective media cleanup standards for human health at 1E-05³ risk to a WRW, no action is necessary for either RCRA or radionuclide COCs due to carcinogenic effects. Corrective action of existing groundwater contamination, including treatment, is addressed in a separate Interim Measure/Interim Remedial Action (IM/IRA) decision document.



The potential for non-carcinogenic effects is evaluated by comparing an exposure level over a specified time period (for example, lifetime) with a reference dose (RfD) derived for a similar exposure period. An RfD represents a level that an individual may be exposed to that is not expected to cause any deleterious effect. The ratio of exposure to toxicity is called a hazard quotient (HQ). An HQ<1 indicates that a receptor's dose of a single contaminant is less than the RfD, and that toxic non-carcinogenic effects from the chemical are unlikely. The Hazard Index (HI) is the sum of the HQs for all chemical(s) of concern that affect the same target organ (for example, liver) or that act through the same mechanism of action within a medium or across all media to which a given individual may reasonably be exposed. An HI<1 indicates that toxic non-carcinogenic effects from all contaminants are unlikely. An HI>1 indicates that site-related exposures may present a risk to human health.

² The risk of cancer is described in terms of the probability that an individual will develop cancer by age 70 because of exposure to cancer-causing chemicals. For each chemical of concern, this value is calculated using the daily intake of the chemical from a site (averaged over a lifetime) and the cancer slope factor for the chemical. The resulting value is an estimate of the number of cancer cases expected in excess of those caused by the daily intake of background or non-site related chemical contamination.

³ A risk level of 1x10⁻⁵ indicates an excess cancer case in 10 out of 1 million individuals exposed to cancer-causing chemicals at the Site, or a 0.001% individual risk of developing cancer from exposure.

Other units within the AOC were removed as a separate action under the Environmental Restoration (ER) Rocky Flats Cleanup Agreement (RFCA) Standard Operating Protocol (RSOP) for Routine Soil Remediation (ER RSOP) (DOE 2002a). (Refer to ER RSOP Fiscal Year [FY]02 Notification #02-08; DOE 2002b.) Specifically, concrete slabs, above-grade lines, segments of belowgrade lines, valve vaults, collection sumps, manholes, electrical control conduit and other utilities, associated support racks, concrete ramps and barriers were removed. To determine whether contamination was present at specific locations where soil or component removal was anticipated, an Industrial Area (IA) Sampling and Analysis Plan (SAP) (IASAP) Addendum was submitted (IASAP Addendum #IA- 02-07) (DOE 2002c). Soil with contaminant concentrations greater than RFCA Tier I Action Levels (ALs) and associated debris were removed in accordance with RFCA and the ER RSOP. In addition, lysimeters and unnecessary monitoring wells were abandoned, and replacement wells installed as a separate action under the Well Abandonment and Replacement Program (WARP) (Kaiser-Hill 2002a).

Based on applying the alternative closure requirements, the results of the risk assessment indicate RCRA constituents pose less than 1E-05 residual risk for a proposed WRW, and with the completion of the actions performed under the ER RSOP and IASAP, the SEP meets the closure performance standards of 6 CCR 1007-3, Section 265.111(a) and (b). After consultation with the regulatory agencies, it was determined that there is one elevated concentration of lead (121 milligrams per kilogram [mg/kg]) above the ecological AL (97.7 mg/kg). It was determined this lead occurrence will not impact target species. In addition, the radiological contaminants remaining within the SEP AOC soil are all below current RFCA Tier I ALs, a 1E-05 risk to a proposed WRW, and proposed soil ALs. Remaining soil contaminant concentrations are also below proposed ecological ALs. Therefore, No Further Action (NFA) is required for the SEP and IHSS 101. As a best management practice (BMP), the pond berms will be pushed into the ponds, clean fill soil will be brought in; and the area will be regraded and revegetated.

1.0 INTRODUCTION

This Proposed Action Memorandum (PAM) decision document serves to close the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101. IHSS accelerated actions and Resource Conservation and Recovery Act (RCRA) unit closures are approved by the U.S. Department of Energy (DOE), Colorado Department of Public Health and Environment (CDPHE) and the U.S. Environmental Protection Agency (EPA) under the Rocky Flats Cleanup Agreement (RFCA) (DOE, et al. 1996). RFCA is both a cleanup agreement under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and a compliance order on consent under RCRA and the Colorado Hazardous Waste Act (CHWA). Therefore, actions associated with IHSS 101 will be completed under RFCA and closure of the SEP will be completed under RCRA.

This PAM also serves as the RCRA/CHWA closure plan for the SEP, which is a RCRA interim status unit. However, since the signing of RFCA in July 1996, EPA amended the RCRA regulations in October 1998 (October 22, 1998, Federal Register, 63FR56710), which were adopted by CDPHE in 1999 governing the closure of regulated units (6 Colorado Code of Regulations [CCR] 1007-3, Section 265.110[d]). These new regulations allow regulated units with releases into the environment, such as the SEP, to close under a risk-based approach if other Solid Waste Management Units (SWMUs) have or are likely to have contributed to the release. CDPHE is allowing this flexibility to be used in establishing closure requirements for the SEP. because other units exist in this area, including a portion of IHSS 121 (the Original Process Waste Lines [OPWL]), RCRA Units 21 and 48 (RCRA-stable concrete pads), a portion of the RCRA Permitted New Process Waste Lines [NPWL]; RCRA Unit 374.3), and Potential Area of Concern (PAC) 900-1310 (Interceptor Trench System [ITS] water spill). This alternative approach allows the SEP to be closed under RCRA through the corrective action program, in conjunction with the removal and closure of these other units. This flexibility allows contamination from all of these units to be evaluated as one Area of Concern (AOC) and the removal of contaminated soil to be considered as an alternative to closure by capping the SEP.

Currently, closure-in-place of the SEP is addressed in RFCA Attachment 10, RCRA/CHWA Closure for Interim Status Units, Section I. Closure in place assumes that residual hazardous waste and hazardous waste constituents and liners have not been removed from the interim status unit. Attachment 10 requires closure-in-place using a cap or cover that meets specified design criteria. This PAM proposes to close the SEP in accordance with revised RCRA regulations in 6 CCR 1007, Section 265.110(d) that were promulgated subsequent to the current Attachment 10 (July 1996), which provides for alternative requirements that are protective of human health and the environment. DOE has proposed a modification to Attachment 10 to recognize this regulatory change for other interim status units covered by RFCA as part of a larger package of proposed modifications to several RFCA Attachments (DOE et. al 2002). However, because the proposed modifications to the other RFCA Attachments are still under development, this PAM specifically recognizes the alternative closure method and describes the criteria to be met for SEP closure.

An AOC is defined to include all of these units (as defined above), spills within the SEP area, and the known extent of contamination associated with these units, which becomes the basis for

performing a risk assessment (Appendix A, Figure 1). The AOC is equivalent to IHSS 101 with a few modifications, which are explained further in Sections 2.1.3 and 5.0. Contamination, for purposes of determining risk, takes into account both radiological and nonradiological contaminants. However, for purposes of demonstrating compliance with RCRA closure, only those nonradiological contaminants, which are considered RCRA hazardous constituents, have been considered. All the RCRA units located in this AOC will be closed either by removal or based on risk.

Existing environmental data⁴ used in the risk assessment included process knowledge and data collected during previous studies (for example the Phase I RCRA Facility Investigation [RFI]/Remedial Investigation [RI]). A summary of the risk assessment results is presented in Section 5.0, and the risk assessment process is discussed in Appendix A, including data used (Appendix A of the Risk Assessment).

Other units that may have contributed to the release in this AOC are discussed in Section 2.0 of this PAM. However, specific actions associated with these other units have already been addressed under Environmental Restoration (ER) RFCA Standard Operating Protocol (RSOP) Notification #02-08 and Industrial Area (IA) Sampling and Analysis Plan (IASAP) Addendum #IA-02-07. Completion of the closure/remediation of these units will be documented in a separate closeout report. In addition, existing groundwater contamination is briefly discussed in this document for purposes of defining the nature and extent of contamination and to determine whether additional soil removal could reduce the long-term stewardship obligations of the Solar Ponds Plume (SPP) treatment system. However, corrective action of existing groundwater contamination, including treatment, is addressed in a separate Interim Measure/Interim Remedial Action (IM/IRA) decision document. (Refer to the Final Solar Ponds Plume Decision Document, [DOE 1999a], and its Minor Modification [DOE 2002d].)

ER RSOP Notification #02-08 was submitted to the regulatory agencies in July 2002 for the SEP AOC and approved by CDPHE on July 30, 2002. The purpose of the Notification was to invoke the ER RSOP for the various other units, IHSSs, and PACs that exist within the SEP AOC. The Notification indicated that completing closure by removal for RCRA Units 21 and 48 was conducted in accordance with the existing RCRA Closure Description Document (CDD) for Building 788 (RMRS 1999a). Partial closure of NPWL (RCRA Unit 374.3) was conducted in accordance with Section 6.5.3 of the ER RSOP and the ER RSOP Notification #02-08, which is in lieu of a RCRA CDD. Potential contaminants of concern (PCOCs) for these units were identified based on the same data used in the risk assessment, as well as additional data from Historical Release Reports (HRRs) for Rocky Flats Plant from 1992 to 2001 and the Final Closeout Report for Building 788 (RMRS 1999a).

Soil with contaminant concentrations greater than RFCA Tier I action levels (ALs) and associated debris were removed in accordance with RFCA and the ER RSOP. Soil with contaminant concentrations less than RFCA Tier I ALs was evaluated for additional removal through the consultative process based on risk and using Stewardship and As Low As

⁴ Data collected in 2002 as a result of the activities identified under ER RSOP Notification #02-08 and IASAP Addendum # IA- 02-07 were not included in the data set used in the risk assessment.

Reasonably Achievable (ALARA) considerations. Actions undertaken will be documented in a closeout report, which includes an estimate of material removed and related risk reduction.

IASAP Addendum #IA-02-07 was submitted to the regulatory agencies in July 2002 and approved by CDPHE on August 1, 2002. The purpose of sampling in the SEP AOC was to determine whether contamination was present at specific locations where soil or component removal occurred and in areas that may be affected by regrading.

1.1 Purpose and Objective

The purpose of this PAM is to serve as the RCRA Closure Plan for the SEP (which supercedes any existing closure plans for the SEP) and propose that No Further Action (NFA) is necessary ant IHSS 101. This proposal for NFA is based on the nature and extent of contamination; previous actions taken including removal of the waste (source of contamination) from the ponds; actions conducted under the ER RSOP; characterization/confirmation sampling conducted under the IASAP; and the results of the risk assessment for the SEP AOC. The objectives of this proposed action are:

- Define the alternative closure requirements and strategy for closing the SEP;
- Evaluate the risks associated with existing contamination within the defined AOC;
- Demonstrate compliance with the RCRA closure performance standards of 6 CCR 1007-3, Section 265.111(a) and (b). (This demonstration includes leaving the asphalt liner material in place.); and
- Propose that no accelerated action is necessary under this PAM and that residual contamination does not pose an unacceptable risk to the anticipated future user, the wildlife refuge worker (WRW). (Closure of the SEP is based on achieving a risk of 2E-06 and a toxicity Hazard Index (HI) of 0.04 [Refer to Section 5.0].)

This PAM discusses the current nature and extent of contamination within this AOC based on existing data, and presents the results of a risk assessment. Results of the risk assessment were used to determine if any actions or if additional sampling was warranted to protect public health and the environment. Actions undertaken under the ER RSOP will be documented in a closeout report.

1.2 RCRA Closure Requirements

The SEP, as a RCRA interim status unit, must comply with the closure requirements of 6 CCR 1007-3 Section 265, Subpart G-Closure and Post-Closure. In general, Subpart G requires the submittal of a closure plan for closure of interim status units. This PAM acts as the closure plan for the SEP. Demonstration of compliance with 6 CCR 1007-3, Section 265, Subpart H-Financial Requirements for Closure, is not required for government-owned facilities (6 CCR 1007-3, Section 265.140[c]).



In addition to the submittal of a closure plan, Subpart G requires a facility to be closed in a specific manner. Closure of the SEP will follow the alternative closure requirements as specified in 6 CCR 1007-3, Section 265.110(d).

This PAM proposes to close the SEP using alternative requirements for closure under 6 CCR 1007-3, Section 265.110(d), which allows all or part of the Subpart G-Closure and Post-Closure requirements for regulated units to be replaced. The alternative closure requirements must protect human health and the environment by meeting the closure performance standards of 265.111(a) and (b). However, three criteria must be met in order to apply these alternative requirements:

- 1. The regulated unit⁵ must be situated among SWMUs;⁶
- 2. A release has occurred; and
- 3. Both the regulated unit and one or more SWMUs are likely to have contributed to the release.

Therefore, to demonstrate that the SEP qualifies for closure in accordance with these alternative requirements, the following information is provided:

- The SEP are considered a regulated unit in that the ponds are surface impoundments that received hazardous waste until 1986 (after July 26, 1982).
- Situated among the SEP is a portion of IHSS 121 (OPWL), RCRA Units 21 and 48 (concrete pads brought to RCRA stable), a portion of RCRA Unit 374.3 NPWL, and PAC 900-1310 (ITS water spill).
- OPWL, NPWL, and RCRA Units 21 and 48 qualify as SWMUs.
- A release has occurred in this area.
- The SEP, a portion of OPWL, PAC 900-1310, and RCRA Units 21 and 48 are likely to have contributed to the release in this area.
- It is not necessary to apply the closure requirements of 6 CCR 1007-3, Section 265 Subpart G, because a risk assessment is presented in this PAM to ensure protection of human health and the environment. For purposes of managing risk, additional actions in this area have occurred under the ER RSOP and IASAP to ensure protection of human health and the environment.

⁵ A regulated unit is defined as a surface impoundment, waste pile, land treatment unit, or landfill that receives hazardous waste after July 26, 1982 (6 CCR 1007-3, §264.90[a][2]).

⁶ SWMUs are defined as any unit at a facility from which hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous waste. (July 24, 1987, EPA Memorandum Office of Solid Waste and Emergency Response [OSWER] 9502.1987 (07), RCRA/Superfund Hotline Faxback #12984; as explained in the July 15, 1985, Hazardous and Solid Waste Amendments [HSWA] Codification Rule.)

RCRA Unit 48 has interim status and both RCRA Unit 21 and a portion of NPWL are permitted. Each of these units qualifies as a SWMU in that hazardous constituents may have migrated from the units. The definition of a SWMU is intended to include those types of units that have traditionally been subject to regulatory controls under RCRA, such as container storage areas and tanks. Although PAC 900-1310, which is described as a one-time spill of ITS water, does not qualify as a SWMU, this area was evaluated based on risk and the location of the spill within the AOC. (SWMUs and corrective actions were not intended to include one-time accidental spills that cannot be linked to a discernible SWMUs. 4)

Based on the demonstration that the SEP qualify for applying alternative closure requirements, the alternative closure requirements are defined as:

- Achieve protective media cleanup standards for human health at a 1E-05 lifetime excess cancer risk for a WRW, and ensure that the concentration of contaminants in soil do not exceed a Hazard Index (HI) of 1 for a WRW;
- Ensure that contaminants that exceed the ecological ALs for target species (listed in Table 3, Attachment 5 of the RFCA Modification [DOE et. al. 2002]) don't pose an unacceptable hazard considering the target species and the exposure unit for that species, and the location, areal extent, and concentration of contamination, and
- Comply with the closure performance standards in 6 CCR 1007-3, Section 265.111(a) and (b)

To demonstrate successful closure of the SEP, Section 6.1 of this PAM discusses the performance standards in relation to the risk assessment (Section 5.0 and Appendix A), and the accelerated actions conducted under the ER RSOP (Section 2.0).

2.0 SITE DESCRIPTION

The Rocky Flats Environmental Technology Site (RFETS) is a government-owned, contractor-operated facility formerly used for the fabrication of special nuclear materials for national defense. The 6,550-acre site is located in Jefferson County, Colorado, approximately 16 miles northwest of Denver. The site occupies approximately 10 square miles.

Centrally located within the RFETS boundary is a 400-acre security area called the IA. A high-security Protected Area (PA) is located within the IA. The IA contains approximately 400 buildings, along with other structures, roads, and utilities, and is where the majority of RFETS mission activities took place between 1951 and 1989. The remaining 6,150 acres consists of undeveloped land used as a buffer zone to further limit access to the operations area.

⁷ SWMUs are defined as any unit at a facility from which hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous waste. (July 24, 1987 EPA Memorandum OSWER 9502.1987 (07), RCRA/Superfund Hotline Faxback #12984; as explained in the July 15, 1985 HSWA Codification Rule.)

2.1 Solar Evaporation Ponds

Operations at the Site resulted in the generation of process wastewater containing radioactive and hazardous waste constituents that were managed in various waste-processing units. The SEP, located in the northeastern portion of the former PA boundary, were used as some of these waste-processing units (Figure 2-1) from 1953 to 1986. The SEP consist of five current or existing surface impoundments designated as Ponds 207-A, 207-B North, 207-B Center, 207-B South, and 207-C, as well as three original surface impoundment cells (DOE 1988). Figure 2-2 shows the locations and relative dimensions of the original and current SEP, as well as the chronological history of pond construction, operation, and removal. The first pond was constructed in 1953, and the last pond (207-C) was placed into service in 1970.

The operational history of the SEP is summarized below. For information regarding the environmental setting, including geologic, hydrogeologic and ecologic settings, review the following documents:

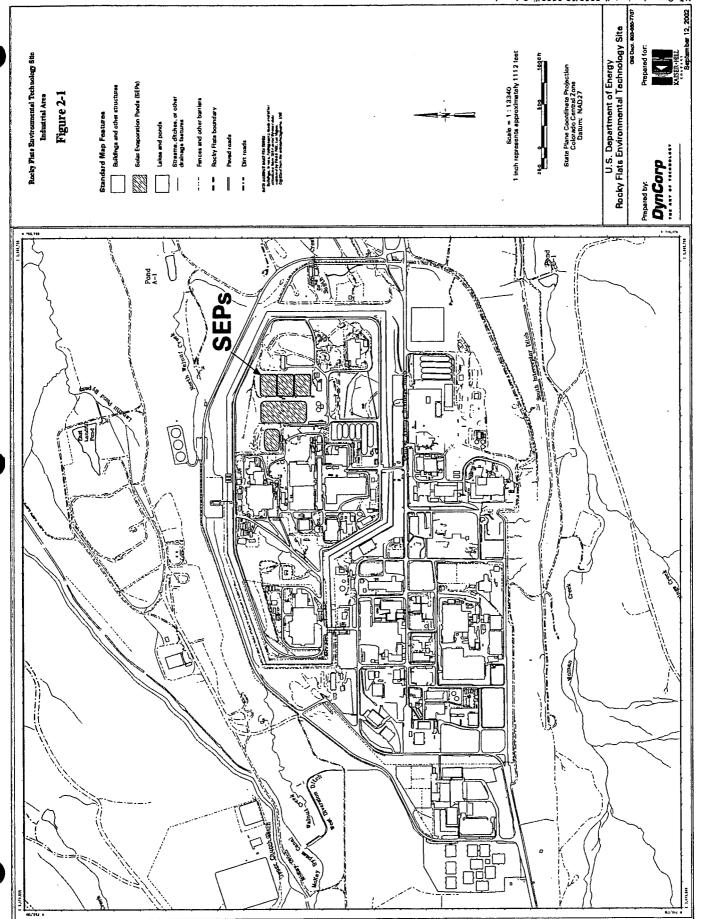
- DOE, 199,9 Final Solar Ponds Plume Decision Document;
- DOE, 1995a, Operable Unit 4 Solar Evaporation Ponds, Interim Measure/Interim Remedial Action Environmental Assessment Decision Document;
- DOE, 1997, Cumulative Impacts Document;
- EG&G, 1995a, Geologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume I of the Sitewide Geoscience Characterization Study; and
- EG&G, 1995b, Hydrogeologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume II of the Sitewide Geoscience Characterization Study.

2.1.1 History

The SEP were operated primarily to store and evaporate radioactive process waste and neutralized acidic process waste containing mostly low concentrations of radionuclides and high concentrations of nitrate and aluminum hydroxide from 1953 to 1986. The SEP were used to manage liquid process waste having less than 100,000 picocuries per liter (pCi/L) total long-lived alpha activity (DOE 1992a). Specific materials placed into the SEP include:

- Radioactively contaminated aluminum scrap;
- Leachate from the sanitary landfill;⁸
- Alcohol wash solutions;

⁸ Leachate from the RFETS Sanitary Landfill was placed into the SEP until January 1974 (Rockwell 1988). (The Present Landfill began operations in 1968.) At this time, analysis indicated phenol, tritium, strontium-90, plutonium, americium, total long-lived (TLL) alpha, and nitrate were present in the leachate (DOW 1974). All of these constituents have been included in historical sampling and analysis programs at the SEP. Of these constituents, phenol is the only RCRA constituent and it has never been identified as a PCOC or contaminant of concern (COC) for the SEP.



- Drums of waste radiography solutions;
- Treated sanitary effluent;
- Groundwater collected from the ITS;
- Saltwater solutions;
- Wash water from the decontamination of production personnel;
- Cyanide waste;
- Acid waste; and
- Other compounds such as sodium, cadmium, nitrate, ferric chloride, lithium chloride, sulfuric acid, ammonium persulfate, hydrochloric acid, nitric acid, and hexavalent chromium.

In addition to the above chemicals and compounds, it was reported that lithium scrap was reacted with water adjacent to the SEP, and the solution was transferred to the SEP. Based on these historical records, characteristic (D006) and listed (F001, F002, F003, F005, F006, F007, and F009) hazardous wastes were placed into the SEP (DOE, 1995a). However, based on additional historical investigation, the following waste codes were potentially received by the SEP: D001, D002, D004, D005, D006, D007, D008, D009, D010, D011, F001 (trichloroethene¹⁰, 1,1,1-Trichloroethane, and Tetrachloroethene⁷), F002 (methylene chloride, and 1,1,2-trichloro-1,2,2-trifluoroethane), F003 (acetone and methanol), F005 (toluene and methyl ethyl ketone), F006, F007, and F009 (RMRS 1996b and 2000).

Routine placement of process wastewater into these ponds ceased in 1986 because of changes in the RFETS waste treatment operations. Leakage from the SEP and related components (for example drainage tiles, leak detection systems, and collection sumps) has contaminated shallow groundwater in the area with uranium and nitrate contaminants. This SPP has migrated down the hillside to the north of the SEP. The primary contaminants in the SPP are uranium and nitrate. (refer to the Final Solar Ponds Plume Decision Document [DOE 1999a]) This decision document was a major modification to the Final Proposed IM/IRA Decision Document for the SEP, OU 4 (DOE 1992a).

Original Solar Evaporation Ponds

The original SEP, also known as Pond 2, was constructed in October 1953 on the existing grade; it measured approximately 200 feet by 200 feet by 6 feet. A clay dike was constructed around the perimeter, and the base of the pond was clay-lined. The operation of Pond 2 commenced in December 1953. Seeps were subsequently discovered along the northern, southern, and eastern dikes. Additional clay was added to the dikes as needed to repair the seeps.



⁹ Although historical documents reference this waste code for arsenic, process knowledge and historical documentation also indicate that arsenic was not introduced into any plant process at RFETS.

¹⁰ Although these specific constituents were not listed in the referenced report, the waste codes were identified. Based on the history of processes used at RFETS, it is assumed that these are the applicable constituents associated with this waste code.

In September 1955, a second earthen pond, designated as Pond 2-Auxiliary, measuring 100 feet by 200 feet by 6 feet, was constructed southeast of Pond 2 to maintain operational capacity while plans for a new watertight pond were being finalized. (Pond 2-Auxiliary is referred to as Pond 2C in some documents.) A weir was installed in the southeastern corner of Pond 2 to allow waste to overflow into Pond 2-Auxiliary. The new pond was unlined and leaks were observed along the eastern boundary within the first month of operation.

In August 1956, Ponds 2 and 2-Auxiliary were removed from service upon completion of a new watertight pond (Pond 207-A). These ponds were allowed to dry so that a clay liner could be installed. Completion of the clay liner installation for Pond 2-Auxiliary and Pond 2 occurred in February and March 1957, respectively. The relined ponds were then returned to regular service.

A third clay-lined pond, Pond 2D, was constructed in April 1959 to contain any overflow from Pond 207-A and support denitrification experiments. This third pond was located immediately east of Pond 2, as shown on Figure 2-2.

Routine use of Ponds 2, 2-Auxiliary, and 2D ceased in June 1960 when the B-Series Ponds were placed into service. The only other known discharge to these Ponds after June 1960 occurred in March 1963.

During April 1961, drainage tile was constructed east of the 207-B Ponds to collect and characterize leakage from the ponds. In July 1961, construction activities were implemented to reline the drainage tile associated with Ponds 207-B Center and 207-B North.

In October 1962, the Pond 2-Auxiliary area was regraded for the construction of Building 779. The clay lining and contaminated soil were removed and placed into one of the East Trenches at RFETS. Soil samples collected from the bottom of Pond 2-Auxiliary indicated activities of between 11,000 and 75,000 disintegrations per minute per kilogram (dmp/kg).

The Pond 2 and Pond 2D areas were regraded in 1970 to accommodate construction of Pond 207-C. The soil and dikes from these ponds may have been used in the construction of Pond 207-C. The approximate locations of the original SEP with respect to the existing SEP, are shown on Figure 2-2.

Table 2-1 summarizes the historical information regarding the original ponds. Detailed engineering drawings are presented in the Closure Plan: Solar Evaporation Ponds, Volume I, Appendix I (DOE 1988), as well as the Draft Operable Unit 4 Interim Measure/Interim Remedial Action Environmental Assessment Decision Document (DOE 1995a).

Table 2-l Solar Evaporation Pond Designations and Status (Source: DOE, 1992a.)

| Current Designation | Original Designation | Date Completed | Current Status |
|-------------------------------|----------------------|----------------|-----------------------------|
| Original Clay-Lined | Pond 2 | October 1953 | Regraded in 1970 for |
| Solar Evaporation Pond | | | construction of Pond207-C. |
| Pond 2-Auxiliary ^a | Pond 2-Auxiliaryb | September 1955 | Regraded in 1962 for |
| · | | | construction of Building |
| | | | 779. |
| Pond 2D ^a | Pond 2D | April 1959 | Regraded in 1970 for |
| | | | construction of Pond 207-C. |

^a This pond could be confused with the original clay-lined solar evaporation pond because it was of earthen construction only.

Pond 207-A

SEP 207-A was placed into service in August 1956 to provide additional storage capacity. This pond was originally constructed with a liner consisting of asphalt planks approximately 0.5 inch thick, 3 feet wide, and 14 feet long. The pond measured approximately 250 by 525 feet at the crest with side slopes of 1:2. The maximum operating depth was approximately 7.5 feet, resulting in an impoundment volume of approximately 5 million gallons (DOE 1988). This pond operated with a minimum freeboard of 2 feet. In September 1958, aluminum paint was applied to the exposed surface of Pond 207-A to increase evaporation.

In December 1959, drainage tile was installed along the eastern edge of Pond 207-A to intercept seeps discovered during excavation of the 207-B Ponds. The drainage tile was connected to a sump located northeast of Pond 207-A, and a pump system was installed in April 1970 to return the collected water to Pond 207-A.

In November 1963, modifications were completed to correct problems associated with the liner cracking and slumping, which resulted in leakage of the pond contents. These modifications included replacing the asphalt planking with an asphalt concrete liner, changing the side slopes to 1:3.7, and regrading the base of the pond to drain to a sump at the northeastern end of the pond. The asphalt concrete liner consists of a 4-inch-thick aggregate base placed on top of the subgrade, overlain by an asphalt prime coat, 1.5 inches of asphalt concrete, an asphalt tack coat, 1.5 inches of asphalt concrete, and a catalytically blown asphalt seal coat. Engineering drawings showing construction and liner details are presented in the Closure Plan: Solar Evaporation Ponds (DOE 1988). (It is assumed this closure plan was never approved by the regulatory agencies, because approval documentation could not be located.)

In April 1964, a pump was installed at Pond 207-A to facilitate liquid transfer among the ponds. In 1986, routine placement of waste in Pond 207-A ceased, and dewatering and sludge removal was initiated. Portland cement was mixed with the removed sludge to form pondcrete for offsite disposal. The last of the process water and sludge was removed from this Pond in July 1988.

To minimize the potential leakage of pond water to the underlying soil, the asphalt concrete side slopes of Pond 207-A were relined with a l/8-inch thick (minimum), rubberized, crack-sealing material in the fall of 1988. From 1988 to 1992, a limited amount of precipitation and sediment collected in the Pond. In March 1990, approximately 1.3 million gallons of water was transferred



^b This pond was also known as Pond 2C. It was originally unlined, but a clay liner was installed in January 1957.

from the 207-B Ponds to Pond SEP 207-A to prevent the overflow of liquids. The transferred water was removed in fall 1992 prior to the commencement of the RFI/RI drilling program in December 1992.

Ponds 207-B North, Center and South

The 207-B Series Ponds (North, Center, and South) were placed into service in June 1960. These ponds were originally lined with asphalt planking approximately 0.5 inch thick, 3 feet wide, and 14 feet long. Each pond measures approximately 180 by 253 feet. The maximum operating depths were 5.5 feet for Pond 207-B South and 6.5 feet for Pond 207-B Center and North, resulting in an impoundment volume of approximately 1.5 million gallons each.

In June 1960, the transfer of waste from Pond 207-A to Ponds 207-B South and Center was initiated. The transferred waste was acidic and produced gases that lifted the asphalt planking, thus rupturing the liner seams and resulting in leakage from the Ponds. Because of these problems, transfer operations were halted and the waste was returned to Pond 207-A. To return the waste to Pond 207-A, the waste had to be transferred to Pond 207-B North, which resulted in damage to all three of the 207-B Series Ponds. The asphalt planking within Pond 207-B South was covered with asphalt concrete in November 1960. The first six groundwater monitoring wells were installed in the vicinity of the 207-B Series Ponds in November 1960. Repair of Ponds 207-B Center and North was deferred because of funding limitations. Pond 207-B South was returned to service in December 1960.

In April 1961, repairs to the 207-B Series Ponds included installation of a drainage trench along their eastern edge. A sump and pump system was later installed in April 1970 to return the collected water to Pond 207-B North. Ponds 207-B Center and North were relined with asphalt concrete in July 1961. Because of difficulty in laying the asphalt concrete over the asphalt planking, the planking was removed from Pond 207-B North prior to it being relined with asphalt concrete. The two relined Ponds were then returned to service.

In April 1967, an unsuccessful attempt was made to fill cracks on the sidewalls of Pond 207-B North with asphalt mastic. In November 1967, sidewall cracks in Pond 207-B North were successfully repaired with burlap and asphalt. In October 1968, the sidewalls of Pond 207-B Center were successfully repaired with burlap and asphalt covering, and an additional coat of asphalt was applied to Pond 207-B North. Additional coats of burlap and asphalt were applied to Ponds 207-B North and 207-B Center in September and October 1969, respectively. The sidewalls of Pond 207-B South were covered with burlap and asphalt in September 1970. The sidewalls of Ponds 207-B North and Center were covered with Petromat® and hydraulic sealant in October 1971. The sidewalls and bottoms of Ponds207-B South and 207-B North were relined with Petromat® and hydraulic sealant in October 1972 and September 1973, respectively.

The placement of process waste into the 207-B Series Ponds ceased around 1974. A pond clean-out program was initiated in 1974 and extended until 1977, when all process wastes were removed. Since 1977, the B-series SEP were used to hold treated sanitary effluent, treated plant fire water, brine from the Reverse Osmosis Facility, contaminated groundwater from the ITS, and treated wastewater generated during the June-July 1993 hot systems operations testing of the Building 910 evaporators.



In 1978, the Petromat® liners of Ponds 207-B Center and South were removed, bagged, and cemented for offsite disposal. The asphalt concrete liners were not removed. Ponds 207-B Center and South were then relined with a hydraulic sealant. In addition to the sealant, a synthetic 45-mil Hypalon® liner was installed in Pond 207-B South. A leak detection system was installed between the Hypalon® liner and asphalt concrete liner. The leak detection sump is located in the northwestern portion of the SEP, and a pipe extends from the sump to the SEP berm. The lining of Pond 207-B North was not replaced because it held only a minimal amount of sludge, and its residual radioactivity levels were low. Engineering drawings showing the construction and liner details are presented in the Closure Plan: Solar Evaporation Ponds (DOE 1988) (This closure plan was never approved.)

In April 1982, water was removed from Ponds 207-B Center and North for application to the West Spray Field. At the time of the spray field operations, Pond 207-B Center contained treated sanitary effluent and Pond 207-B North contained ITS water. The spray field operations ended in November 1985.

Between 1993 and 1995, wastewater and remaining sludge from 207-A and B-series Ponds were removed by the Accelerated Sludge Removal Project. The sludge was transferred to RCRA-permitted tanks located on the 750 Pad. This sludge was and is currently being shipped to Envirocare of Utah, Inc. for disposal.

Pond 207-C

Pond 207-C was put into service in December 1970 to provide additional process waste storage capacity and provide interim storage for liquid from the other ponds during pond maintenance and repair work. Pond 207-C was constructed in approximately the same location as the original SEP. This pond measures approximately 160 by 250 feet and has a maximum operating depth of 7 feet. The pond has an impoundment waste volume of 1.2 million gallons.

An asphalt concrete liner was originally installed in Pond 207-C, which consisted of a 4-inch aggregate base course, overlain by an asphalt prime coat, 1.5 inches of asphalt concrete, a second asphalt tack coat, 1.5 inches of asphalt concrete, an asphalt tack coat, and a surface of catalytically blown asphalt seal coat. Pond 207-C has not been relined since its construction.

The bottom of the pond slopes to the northeast. Design drawings indicate a leak detection system was installed sometime in the late 1980s. The drawings depict the leak detection system as consisting of a perforated pipe aligned on a north-south axis under the center of the pond with the pipe terminating in a sump at the northern end. Engineering drawings showing the construction and liner details are presented in the Closure Plan: Solar Evaporation Ponds (DOE 1988). Pond 207-C has not received process wastes since 1986.

2.1.2 Actions Taken at the SEP

Various activities and projects have been undertaken to remediate the SEP and the SPP as follows:

1. The Ponds were relined and patched a number of times throughout their history to control leakage (DOE 1992b).



Solar Evaporation Ponds, Final Proposed Action Memorandum Date: 12/02

- 2. Drainage tiles were installed between Ponds 207-A and 207-B, and east of Pond 207-B in 1960 and 1961, respectively, to characterize water in the area (DOE 1992b).
- 3. Installation of two sumps and six trenches in the area north of the solar ponds allowed collection and return of contaminated groundwater to the ponds. The sumps were installed in April 1970 at the northern end of the drainage tiles. Trenches 1 and 2 were installed in October 1971, Trench 3 in September 1972, Trenches 4 and 5 in April 1974, and Trench 6 in July 1974(DOE 1992b).
- 4. Construction and utilization of the ITS in 1981 allowed for the collection of surface water runoff and groundwater seepage. (Refer to OU 4 SEP, IM/IRA Environmental Assessment Decision Document [DOE 1995]). The ITS consisted of 18 french drains located on the hillside north of the SEP and a surface water trench, known as the Interceptor Trench. The original configuration of this system has changed. Water collected by the ITS was pumped back uphill from the ITS Pumphouse near Walnut Creek into Pond 207-B North.
- 5. In 1986, a RCRA Part B operating permit application was submitted to the Colorado Department of Health (CDH) (renamed later as CDPHE). RFETS reported that the SEP were an interim status unit scheduled to be closed. The SEP including surrounding contamination were also identified as a SWMU, which later became IHSS 101. Figure 2-3 delineates the boundary of the SEP RCRA-regulated unit, as well as the boundary of IHSS 101. In 1991, under requirements of the Interagency Agreement (IAG), IHSSs were grouped into single management areas and the SEP area or IHSS 101 also became designated as Operable Unit (OU) 4. IHSS 101 and OU 4 were also later designated as PAC 000-101 for reporting purposes under the HRR. Under RFCA in 1996, OU 4 was combined with other IHSSs into the IA OU.
- 6. A number of environmental samples were collected from the vicinity of the SEP in 1986, 1987, and 1989 as follows:
 - A program was initiated in 1986 that included installation of 17 RCRA groundwater
 monitoring wells in the SEP area (designated with an 86 suffix) to expand the ability to
 monitor subsurface conditions related to the SEP. Hydrogeologic tests were conducted in
 some of these wells. A draft RCRA Interim Status Closure Plan was submitted for the
 SEP that summarized the testing results and outlined a method for removing the SEP
 from service.
 - Eighteen boreholes were drilled in 1987 in the SEP area to collect additional soil chemistry data specific to the SEP (designated with an 87 suffix) and to respond to comments on the draft RCRA Interim Status Closure Plan submitted in 1986 that were directed in part to the collection of additional characterization data. Two of the boreholes were completed as wells for more groundwater monitoring capability and subsurface conditions were evaluated.
 - A draft closure plan was submitted in 1988 that detailed future characterization efforts.

Solar Evaporation Ponds, Final Proposed Action Memorandum Date: 12/02

- Thirty-seven monitoring wells (designated with an 89 suffix) were installed in 1989. These additional wells were drilled at locations identified as data gaps in the 1988 characterization.
- 7. In 1990, a draft Final Phase I RFI/RI Workplan for the SEP, OU 4, was prepared for the purpose of characterizing the physical features of OU 4, identifying potential contaminant sources, and determining the distribution of contaminants in surface and subsurface soil. In 1992, both EPA and CDPHE granted approval of the workplan under the condition that a Technical Memorandum (TM) address vadose zone characterization at OU 4 (CDPHE 1992). TM No. 1 was written in 1992 and approved by both agencies in 1993. In 1993, TM No. 2 was written to document changes required to implement the workplan and was approved by both agencies (CDPHE 1993).
- 8. During 1992, a brief investigation was performed to determine whether the 207-B series ponds were leaking into the uppermost aquifer. This was accomplished by sampling wells in the vicinity of the SEP for a dye that was placed in the SEP. Based on the study, it was determined that no leakage was occurring from the 207-B series ponds.
- 9. Construction and utilization of the flash evaporation treatment system in Building 910, as well as three temporary storage tanks and associated piping to contain and transfer water collected by the ITS, began in 1992. The Modular Storage Tanks (MSTs) were located on the hill to the northwest of the SEP and ITS. The water from the MSTs was transferred to Building 374 for flash evaporation. Refer to the Final Proposed IM/IRA Decision Document for the SEP, OU 4 (DOE 1992a). The MSTs were removed.
- 10. Removal of liquid and sludge from the SEP began in 1993. The purpose of the removal efforts was to remove the source of nitrate and uranium contamination that exists in soil and groundwater beneath and adjacent to the SEP. The removal (which was completed in 1995), provided access to the ponds for subsurface characterization work as described in the approved RFI/RI Work Plan for OU 4. The work was conducted as a routine operation within a RCRA Interim Status Unit Undergoing Closure. Following removal, the ponds were rinsed (with the possible exception of Pond 207-C, [DOE 1995c]) and the water was pumped to Building 374 for evaporation (CDPHE 1995a). (Consistent with previous actions, Pond 207-C was rinsed and the precipitation removed as part of routine maintenance activities in 2002.) The remaining sludge, stored in tanks on the 750 Pad, are in the process of being removed from the tanks, dewatered, packaged, and shipped to an offsite disposal facility. (Refer to the Draft Operable Unit 4 Solar Evaporation Ponds Interim Measure/Interim Remedial Action, Environmental Assessment Decision Document [DOE 1995a]).
- 11. In 1993, investigations pursuant to the approved work plan (DOE 1992d) and TMs were completed. The following investigations and sampling activities were performed:
 - A Ground Penetrating Radar (GPR) survey was completed in the vicinity of the original ponds.

24

- Six boreholes in or adjacent to the original ponds area were completed. Surface and subsurface soil samples were collected at each borehole and analyzed for suspected contaminants.
- A GPR survey was conducted beneath Pond 207-A.
- An OU 4-wide beta/gamma radiation survey was conducted that consisted of 311 data points.
- A seismic refraction survey was completed to evaluate bedrock topography and the presence of paleochannels.
- Twelve boreholes were completed and subsurface soil samples were collected from within Ponds 207-A, 207-B Center, and 207-B North. Boreholes were placed at locations where breaches in the liners were observed and at locations where the liner was intact (DOE 1995a). It was decided and agreed to in a joint working group meeting with EPA, CDPHE, DOE, and EG&G personnel held February 1, 1995, not to collect core sample beneath Pond 207-B South. Surrounding data from the other 207-B Ponds and Ponds 207-A pond has allowed for adequate characterization of soil associated with pond 207-B South (EG&G 1995c). In addition, comments from CDPHE in 1995 stated "that drilling beneath Pond 207B-South is not planned (the liner of this pond demonstrated integrity that precluded the need for additional RFI/RI investigation)" (CDPHE 1995b).
- Sixteen boreholes were completed between the ponds and around the perimeter of IHSS 101.
- Nineteen boreholes were drilled and sampled in the ITS and surrounding area.
- Twelve samples of asphaltic liner and sub-base material were collected from Ponds 207-A, 207-B Center and 207-B North. (Three additional samples were collected in 1995 from Pond 207-C once the pond was emptied of all liquids and slurried solids. Samples were collected at a depth of 0.5 to 6.5 feet beneath pond 207-C [RMRS 1995]).
- One deep borehole (42193) within Pond 207-A was drilled into bedrock, sampled, and geophysically logged. Subsurface samples were also collected.
- Fifteen lysimeters were installed in the vicinity of IHSS 101.
- Twenty-six random and 10 discrete or "hot spot" surface soil samples were collected and surface soil samples were collected from 36 boreholes.
- Approximately 200 subsurface soil samples were collected from the vadose zone.
- Nine samples were collected for column leaching tests.
- Twenty-five soil samples were collected from boreholes for analysis of physical and hydrogeologic properties.
- Borehole permeability measurements were made.



- Shallow soil permeability was measured at 19 locations using a Guelph permeameter.
- Pore water samples were collected from lysimeters.
- Relative moisture content in the vadose zone was measured using a neutron probe.
- Data loggers and pressure transducers were installed in five wells to measure the response
 of the water table to precipitation events and evaluate responses attributable to secondary
 porosities.
- Soil gas samples were collected at 28 locations.
- 12. As of March 1994, 87 percent of the RFI/RI data had been validated and 1.26 percent of the total validated data had been rejected. DOE, CDPHE, and EPA believed that enough validated data existed to assess and select a closure/remediation general response action and a proposed IM/IRA was written in 1995, which included a baseline risk assessment.
- 13. RFCA was signed in 1996. Based on the results of the RFI/RI and the risk assessment, ER ranked IHSS 101 number 14.
- 14. A reactive barrier was installed in 1999 north of the SEP on the northern side of the North Access Road (DOE 1999a). The barrier system consists of a collection system to direct groundwater flow to two passive treatment cells. The collection trench is approximately 1,100 feet long, 2 to 3 feet wide, and 20 to 30 feet deep. The trench extends approximately 10 feet into weathered bedrock to capture both bedrock and alluvial flow. The first treatment cell is filled with a mixture of organic media (sawdust) to act as a carbon source to induce denitrification and zero-valence iron to remove the uranium by chemical reduction. Nutrient mulch, which increases the denitrification rate, can also be added to the iron/sawdust treatment media. The second cell is filled with 100 percent granular activated iron aggregate to remove uranium. The collection trench cuts the ITS, allowing groundwater collected by the ITS upgradient from the reactive barrier to flow into the new collection trench. ITS lines were disrupted where they intersect the new collection system. The installation of a collection sump to increase the volume of groundwater treated was recently approved in the Minor Modification to the Final Solar Ponds Plume Decision Document (2002d).
- 15. Soil removal for purposes of reducing the long-term stewardship obligations of the SPP treatment system was not necessary because groundwater contaminants are below Tier II ALs in soil (Section 3.1). The groundwater plume present beneath and downgradient of the SEP is being addressed as part of the ongoing SPP IM/IRA. (Refer to the Final Solar Ponds Plume Decision Document (DOE 1999a), and its Minor Modification (DOE 2002d).
- 16. Environmental monitoring, including downstream surface water and downgradient groundwater monitoring, is being conducted as part of the Sitewide Integrated Monitoring Program (IMP) to ensure that contaminant concentrations are not increasing and that water quality standards are being met. (Refer to the Final Solar Ponds Plume Decision Document [DOE 1999a] and to IMP [DOE 1999b].) The IMP monitors groundwater for volatile organic compounds (VOCs), metals, nitrate, uranium (U), plutonium (Pu), americium (Am),

neptunium and tritium. This is being accomplished by means of a network of eight monitoring wells (four existing wells and four new wells). (Refer to the Well Abandonment and Replacement Program [WARP], Work Plan Addendum for the Solar Evaporation Ponds, [Kaiser-Hill 2002a].) If contaminant concentrations increase, the Site will investigate and implement actions consistent with the overall risk in accordance with RFCA Action Levels and Standards Framework (ALF).

• Surface soil areas exceeding proposed soil ALs (DOE et al.. 2002) for Am-241 and Pu-239/240 were removed in accordance with ER RSOP Notification #02-08. By removing this radiologically contaminated soil, beryllium-impacted soil, which exceeded the ecological receptor action level of 8.71 mg/kg (9.6 milligrams per kilogram [mg/kg]), was also removed. Locations and concentrations removed are documented in the Draft Closeout Report for the SEP AOC (DOE 2002e).

The actions taken are consistent with the RFCA Vision for long-term stewardship in that source removal has been conducted and groundwater treatment has been implemented.

2.1.3 Current Status of the SEP

The five SEP are situated on a large, level parcel of land, except where artificial berms have been built. The existing SEP area covers approximately 6.1 acres determined by Geographic Information System (GIS) analysis, (see risk assessment results in Attachment B) representing the boundary of the interim status RCRA regulated unit.

For purposes of addressing the SEP and associated contamination under this PAM, IHSS 101 has been modified to exclude the following areas that will be included in other onsite investigations:

- The "panhandle" area to the northwest that is associated with Bowman's pond will be investigated as part of Bowman's Pond PAC 700-1108.
- The southwester corner of IHSS 101 and directly south of pond 207-C currently includes several buildings (779, 780, 786, 787, and others). This area will be investigated as part of Under Building Contamination (UBC) Site 779 and the demolition or removal of these other buildings.
- Directly east of the B-series ponds and PACs 900-1310 and 1314 is an area that is currently occupied by building 964 and represents IHSSs 176 and 165. This area will be investigated as part of IHSSs 176 and 165.

The ground surface north of the SEP slopes steeply downward toward North Walnut Creek. The ponds are currently roped off and posted as contaminated areas, and all waste has been removed. They currently contain varying amounts of water from precipitation. The existing ponds and major pond components are shown on Figure 2-3.

Subsurface soil and any below-grade ponds and OPWL components located in the area of Pond 2-Auxiliary will be addressed in the future as part of UBC Site 779 (that is when UBC Site 779 is characterized and remediated as necessary).

Because the SEP are a RCRA interim status unit and have both an IHSS and PAC number, Table 2-2 identifies the required completion activity, mechanism for completion, and the document used for completion.

Table 2-2
Completion Table for the SEP

| Unit Name | RCRA Unit/IHSS/PAC | Required Completion Activity |
|--------------------|---|--------------------------------------|
| SEP | RCRA Interim Status Unit (no | RCRA Closure for RCRA Unit and |
| | number), IHSS 101, and PAC 000-101 | NFA for IHSS and PAC |
| A portion of | A portion of IHSS 121 and a portion of | NFA for IHSSs |
| OPWL, sumps, | IHSS 149.1 (no PAC number) | |
| and valve pits | | |
| A portion of | A portion (Box 5 at Building 910 to | Partial RCRA closure and NFA for PAC |
| NPWL ¹¹ | UBC Site 774 fence) of RCRA Unit | |
| | 374.3 and PAC 000-504 (No IHSS | |
| | number) | |
| MST line | No specific IHSS or PAC ¹² reference | None |
| Permacon | RCRA Permitted Unit 21 (no IHSS or | RCRA closure |
| concrete pad | PAC number) | i |
| Clarifier and | RCRA Interim Status Unit 48 (no | RCRA closure |
| 308A Pumphouse | IHSS or PAC number) | |
| concrete pads | · | · |
| ITS water spill | PAC 900-1310 (no IHSS number) | NFA for PAC |

2.2 Other Units, PACs, and IHSSs

Process piping (above- and below-grade waste lines), manholes, electrical control conduit, other utilities, and associated piping support racks are present throughout the SEP area. South of Pond 207-B South, there is a concrete ramp with metal grating for access into the SEP area. The ramp goes over the above-grade NPWL, electrical conduit, and associated support racks. Concrete "jersey" barriers are present to protect the above-grade NPWL. Detailed drawings of utilities, including a portion of the OPWL, valve pits and collection sumps, drainage tiles, and leak detection systems, are presented in the Closure Plan: Solar Evaporation Ponds, Volume I, Appendix 1 (DOE 1988). Also located in the area of the SEP and within the IHSS 101 boundary is an MST line, RCRA Units 21 and 48, and PAC 900-1310. Figure 2-3 highlights these various units and each are discussed below because releases from these units may also have contributed to the contamination present around the SEP. In addition, there are several monitoring wells and lysimeters located in and around the ponds, inside and outside the bermed area.

¹² This line could be associated with Interceptor Trench Pumphouse, PAC NE-1409, which received NFA approval in 2001.



¹¹ NPWL has multiple RCRA unit numbers associated with it. RCRA unit 374.3 only represents the portion of NPWL located within IHSS 101.

2.2.1 History

OPWL, NPWL, and MST Line

The OPWL functioned as a transfer and storage system for process waste from various facilities onsite to be treated at the process waste treatment facility housed in Building 774 and the SEP. The OPWL is consists of approximately 40 tank locations, which include an assortment of above-, on-, and below-grade tanks; floor sumps; valve vaults; secondary containment structures; and process waste vaults. The OPWL network originally consisted of approximately 35,000 feet of pipeline. Parts of the OPWL were converted to NPWL or other systems (for example, fine plenum deluge system), and the current OPWL system contains approximately 29,000 feet of pipeline. The OPWL transported (or stored in OPWL tanks) various aqueous process waste containing low-level radioactive materials, nitrates, caustics, and acids. The waste managed in the OPWL represents a subset of the total waste managed in the SEP.

Some of the OPWL, including waste lines and valve vaults, are located in the SEP area, and some discharge into the ponds (Figure 2-1). Other lines are used to transfer waste from one pond to another. Most of the lines were installed in the 1950s and 1960s and include P-26 (a portion of IHSS 149.1), P-35, P-36, P-37, P-38, P-48, P-49, and P-50. P-26 is constructed of stainless steel and PVC; P-36 and P-50 are constructed of stainless steel; P-35 is constructed of steel; P-37 is constructed of steel, polyvinyl chloride (PVC), and vitrified clay; P-38 is constructed of vitrified clay; and P-48, and P-49 are constructed of cast iron. Some of these lines (i.e., P-26, P-36, P-37, and P-38) have historically leaked and are part of IHSS 121. (Refer to Operable Unit 9 Technical Memorandum No. 1, Volume IIA – Pipelines, Addendum to Phase I RFI/RI Work Plan [EG&G 1994].)

Two other lines are located in the SEP area. One of the lines is an aboveground line, which is part of the NPWL system and RCRA Unit 374.3 which was used to convey water from the MSTs via Building 910 to Building 374. Typically water transferred from Building 910 to Building. 374 did not contain RCRA-contaminated wastewater. However, in 1999, a temporary authorization was received to transfer decant water from the 750 Pad sludge removal project and cooling tower water from Building 779. The wastewater from the 750 Pad project contained concentrations of metals in the parts per billion (ppb) range and concentrations of methyl ethyl ketone in the parts per million (ppm) range. The cooling water from Building 779 was contaminated with arsenic (11 milligrams per liter [mg/L]). Upon completion of the transfer of this waste to Building 374, the transfer line was to be flushed, rinsed, and sampled and analyzed to ensure no residual contamination remained. However, documentation could not be located to ensure these final activities were conducted. There was no reported release from this line.

The other belowgrade line located in the SEP area was used to convey water from the MSTs to Building 910. Water conveyed was primarily groundwater from the SEP area collected by the ITS. There was no reported release from this line.

RCRA Units

Various structures associated with the removal and processing of pond sludge were located between the ponds, after pond operations ceased; however, all structures have been removed, including Building 788, Trailer 788A, the 207 Clarifier unit, and the 308A Pumphouse (Figure 2-3).

The Permacon within Building 788 was a RCRA-permitted storage unit (RCRA Unit 21) used for the storage of pondcrete waste containers. The 207 Clarifier and 308A Pumphouse were a RCRA interim status unit (Unit 48) used to mix pond sludge and Portland cement to create pondcrete. All that remain are concrete slabs, most of which are probably steel reinforced. Due to radiological concerns, the building and clarifier slabs have been covered with 80-mil plastic and soil. Partial closure was achieved for all of RCRA Unit 21 except for the former Permacon slab. The Permacon slab was rendered RCRA stable by decontamination using chemical cleaning and high-pressure spray methods. Partial closure was achieved for all of RCRA Unit 48 except for the 207 Clarifier and 308A Pumphouse slabs. The Clarifier slab was rendered RCRA stable by the application of acrylic latex spray-on fixative. The Pumphouse slab was rendered RCRA stable by chemical cleaning and high-pressure spray methods. Closure activities are summarized in Section 6.1 and detailed in the Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project Summary Report of RCRA Closure Activities for Units 21 and 48 in Building 788 (RMRS 1999a). The estimated dimensions and areas of the slabs are presented below.

Table 2-3
RCRA Unit Dimensions

| Location | Approximate Dimensions (feet) | Approximate Area (feet²) |
|----------------------|-------------------------------|-----------------------------|
| B788/B788A Slab | 220 by 22.5 | 4950 |
| Former Permacon Area | 47 by 10 | 470 |
| 207 Clarifier Slab | 30 by 30 | 900 |
| 308A Pumphouse Slab | 10 by 12 | 120 |

All structures associated with RCRA units 21 and 48 have been removed except for the facility pads (RMRS 1999a).

PACs

There are four PACs associated with SEP operations:

- PAC 700-1113, associated with water released from Pond 207-C (DOE 1995c);
- PAC 900-1310, associated with a spill from the ITS (DOE 1994a);
- PAC 900-1314, associated with sludge release from Pond 207-B (DOE 1994b); and
- PAC 900-1315, associated with a release from a tanker truck on the East Patrol Road, north of Spruce Avenue (DOE 1995c).

PACs 700-1113, 900-1314, and 900-1315 have been investigated, and, based on the results, NFA was proposed. (Refer to DOE 1995c for PACs 700-1113 and 900-1315, and DOE 1994b for PAC 900-1314.) CDPHE concurred with the NFA requests on March 13, 2002.

PAC 900-1310 received approximately 490 gallons of water from the ITS on November 30, 1992, when a pipe coupling in the 3 inch transfer line on the eastern slope of the 207-B North berm separated during subzero weather. ITS water consists of collected groundwater from the

SEP area. COCs include U and nitrate. The pipe connection was repaired and the system was placed back into service.

2.2.2 Actions Taken

Various activities and projects have been undertaken that are related to these other units in the area of the SEP. A majority of these other units were removed recently as separate actions in accordance with ER RSOP FY02 Notification #02-08 (DOE 2002b). In addition, sampling was conducted in accordance with IASAP Addendum #IA-02-07 (DOE 2002c). The actions taken include:

- Portions of OPWL and NPWL: Contaminated above-grade waste lines (NPWL), segments of below-grade lines located less than 3 feet belowgrade and within the berms (OPWL), valve vaults, and collection sumps were removed, characterized, and disposed of in accordance with the ER RSOP. Soil contaminated by known releases (that is, OPWL, valve vaults, and collection sumps) was removed if concentrations were above RFCA Tier I ALs and disposed of. Sampling in the vicinity of suspected areas identified soil contamination. For example, it is known that the valve vault west of Pond 207-A leaked, and, therefore, the area around the valve vault was investigated. All soil removal included confirmatory sampling to ensure that all contaminated soil had been removed. Excavated soil was also characterized for waste management purposes. The leak detection line east of the B-Series Ponds and under Pond 207-C was disrupted and foamed in place.
- MST Line: The MST line to Building 910 was disrupted that is the line was cut (disrupted) and filled with foam.
- Various Structures Associated With Pond Cleanout Operations: Various structures associated with pond cleanout operations were removed, including Building 788/788A, Trailer 788A, the 207 Clarifier unit, and the 308A Pumphouse. Part of Building 788A was a RCRA-permitted unit (Unit 21), and the Clarifier and Pumphouse were part of a RCRA interim status unit (Unit 48). All that remain are concrete slabs. Partial closure was completed for the entire Unit 21 concrete slab except for the area of the former Permacon. The Permacon area was rendered RCRA stable by decontamination using chemical cleaning and high-pressure spray methods. Partial closure was completed for all of Unit 48 except for the 207 Clarifier and 308A Pumphouse slabs. The Clarifier slab was rendered RCRA stable by the application of acrylic latex spray-on fixative. The Pumphouse slab was rendered RCRA stable by chemical cleaning and high-pressure spray methods. Closure activities are presented in the Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project, and Summary Report of RCRA Closure Activities for Units 21 and 48 in Building 788 (RMRS 1999a).
- RCRA Units 21 and 48: The concrete pads remaining for these units were removed and soil samples were collected beneath the pads. Samples were analyzed in accordance with the IASAP Addendum #IA-02-07, results indicated all detected contaminants were below RFCA Tier I ALs. Therefore, the remaining portions of these units were RCRA closed through removal.



- PAC 900-1310: Soil from PAC 900-1310 was sampled and characterized. Analytical results indicated radiological contaminants detected were all less than current RFCA Tier II ALs and metal concentrations were all less than current RFCA Tier II ALs except for arsenic, which was below Tier I ALs (Maximum detected concentration of 17 mg/kg compared to the RFCA Tier II AL of 2.99 mg/kg.) Nitrate and nitrite were also well below current RFCA Tier II ALs.
- Manholes, utilities and piping support racks, and concrete ramps and barriers:

 Manholes, utilities and piping support racks, and concrete ramps and barriers were removed, characterized and disposed of in accordance with the ER RSOP.
- Unnecessary monitoring wells: Unnecessary monitoring wells were abandoned in accordance with applicable regulations under the Site's well abandonment program (P209089, P209489, 41693, 43893, 43993, 23795, 26095, 2786, 3887, 05093, 05193, and 05393.) (Refer to the Well Abandonment and Replacement Program, Work Plan Addendum for the Solar Evaporation Ponds, [Kaiser-Hill 2002a].) Lysimeters in the area were also removed.

2.2.3 Current Status

The other RCRA units were RCRA closed by removal; these closure activities will be documented in a final closeout report. All aboveground lines, valve pits, sumps, pumps, and associated equipment have been removed. All lines located less than 3 feet belowgrade have also been removed. Lines located more than 3 feet belowgrade have been disrupted by cutting or disconnected and filled with foam. Soil has been sampled in areas around the OPWL that are known to have leaked (for example, around the valve pit) and at PAC 900-1310. Residual soil concentrations present around all these other units are below current RFCA Tier I ALs.

The B-Series ponds are shown on drawings to have leak detection lines; however, this was never verified based on field activities conducted under ER RSOP Notification #02-08.

3.0 NATURE AND EXTENT OF CONTAMINATION

The source of groundwater and soil contamination within the SEP IHSS was process waste managed in the various units and ponds in this area. Contamination resulted from the leakage of the original and existing ponds, and releases from the OPWL and PAC 900-1310 (ITS Water Spill). Process waste has been removed from these units and shipped offsite for disposal. (Refer tothe Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project, and Summary Report of RCRA Closure Activities for Units 21 and 48 in Building 788 (RMRS, 1999a) and Historical Release Report Second Quarterly Update (DOE 1992). Previous investigations have been conducted to characterize the SEP IHSS for purposes of defining the nature and extent of contamination. These investigations are detailed in the following documents:

 DOE, 1995a, OU 4 Solar Evaporation Ponds, Interim Measure/Interim Remedial Action Environmental Assessment Decision Document;

- DOE, 1994c, Final Phase II Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan, OU 4;
- ERM, 1996, OU 4 SEP, Phase II Ground Water Investigation, Final Field Program Report;
- RMRS, 1996, Management Plan for the ITS Water;
- RMRS, 1997, SPP Remediation and ITS Water Treatment Study;
- DOE, 1992b, Final Phase I RFI/RI Work Plan, Original Process Waste Lines (Operable Unit 9; and
- RMRS, 1995, Solar Evaporation Pond 207C Characterization Report for the Rocky Flats Environmental Technology Site.

Most waste lines, drain tiles, and leak detection lines should not have been a significant contribution to the contamination present within the IHSS. Process waste should have drained to the collection sumps long ago and should no longer be present in the lines. If residual liquid is present, the lines will be drained prior to foaming or removal. Also, it is assumed, based on visual inspection of the lines and composition of the lines, that contaminants should not have significantly penetrated or adhered to the line construction materials. This is based on the knowledge that stainless steel, steel, PVC, cast iron, and vitrified clay¹³ lines exist within this IHSS.

It is noted that this section may include possible explanations for the presence of certain contaminants (for example, acetone as a laboratory contaminant) in defining the nature and extent of contamination. However, for purposes of defining risk (as discussed in Section 5.0 and Attachment II) all SEP data were used as defined in Attachment II.

3.1 Groundwater Contamination

Groundwater contamination is discussed briefly for purposes of defining the nature and extent of contamination and to determine whether additional soil remediation could reduce the long-term stewardship obligations of the SPP treatment system. However, corrective action of existing groundwater contamination, including treatment, is addressed in a separate IM/IRA decision document. (Refer to the Final Solar Ponds Plume Decision Document [DOE 1999a], and its Minor Modification [DOE 2002d].)

From previous investigations and as documented in the SPP Decision Document (RMRS 1999c), it is known that the SPP is an area of groundwater contamination that extends from the SEP northeast toward North Walnut Creek and southeast toward South Walnut Creek. It is contained within the upper hydrostratigraphic unit (UHSU).

The groundwater flow path in the area of the SEP is very complex due to the varying thickness of the unconsolidated deposits and weathered bedrock units and the highly variable primary and

¹³ Based on technical information associated with the manufacture of clay pipes/lines, when clay pipe is vitrified, the clay mineral particles become infused into an inert, chemically stable compound that is resistant to attack by various chemicals including acid and solvents. (Refer to the National Clay Pipe Institute @ www.ncpi.org.)

secondary permeabilities of the two units. The combination of the varying thickness of the unconsolidated deposits and seasonal water table fluctuations result in large areas of the unconsolidated deposits in the area of the ITS becoming unsaturated. The hydraulic gradient between the unconsolidated deposits and weathered bedrock at the SEP is downward, due to infiltration of rainfall at the ponds. General depth to groundwater beneath the SEP has historically been approximately 10 to 20 feet (DOE 1999a). However, based on the dry conditions during 2002, depth to groundwater is approximately 25 to 30 feet.

Recharge and subsurface inflow to the SEP area originates from both natural and anthropogenic sources. Sources of recharge to the SPP include natural groundwater flow entering the SEP area from the west and southwest, infiltration of precipitation on the SEP and ITS hillside, runoff from the former PA directed to the ITS, and water used for dust suppression at the SEP. (DOE 1999a).

At the SEP, the UHSU groundwater contains high total dissolved solids (TDS) concentrations, most notably in the immediate vicinity of the ponds and the portion of North Walnut Creek located north of the SEP. Leakage of process water concentrated by evaporation from the ponds provided a source of chemically distinct water to groundwater in the IHSS area. Concentrated water is easily distinguished from natural recharge water by its high TDS and major-ion contents (EG&G 1995c).

The primary contaminants in the SPP are various isotopes of U and nitrate (DOE, et al., 1996). Monitoring wells have also indicated detection of lithium, selenium and thallium¹⁴ at concentrations above groundwater ALs. However, an analysis of metals distribution was conducted, and the results indicate there is no metals plume associated with the SEP (DOE 1999a).

Four monitoring wells (1386, 1786, 70099 and 70299) monitor the nitrate- and uranium-contaminated groundwater plume associated with the SEP. Nickel concentrations in well 1386 have increased steadily since spring 1992 and, except for two sampling dates, have been greater than Tier II ALs since spring 1993. Investigation of this upward trend in nickel concentrations in Well 1386 is currently being conducted. Selenium concentrations in Well 1786 have been consistently greater than Tier II ALs since sampling was initiated in February 1990. Nitrate concentrations have declined over time in Well 1786 and have remained essentially unchanged at Well 1386. U activities (U-233/234, U-235) at Well 1386 and Well 1786 exceeded RFCA Tier II groundwater ALs during fourth quarter 2001(Kaiser-Hill, 2002b). However, U activities in these wells are consistently below RFCA Tier I groundwater ALs.

Based on historical data, U and nitrate concentrations in surface soil and subsurface soil are all below RFCA Tier I and Tier II ALs. In addition, lithium, nickel, and selenium concentrations are also below Tier I and Tier II ALs in both surface and subsurface soil. A discrete secondary source of contamination has not been observed in the area of the SEP. Therefore, no additional

¹⁴ The maximum detected concentration of thallium in subsurface soil is 4.2 mg/kg and its maximum detected background concentration is 4.1 mg/kg. Current RFCA ALF does not identify an AL for thallium in surface or subsurface soil. Proposed surface soil Preliminary Remediation Goals (PRGs) do not include thallium as a contaminant. Historical knowledge does not indicate thallium was used in processes that were discharged to the SEP.

soil removal is required for purposes of reducing the long-term stewardship obligations of the SPP treatment system.

The current SPP collection and treatment system was installed as an IM/IRA and placed into operation in 1999. This new system replaced the previous temporary MST storage and Building 374 evaporation treatment systems. The SPP system collects water primarily from the old 1,100-foot-long ITS, passes it through a two-stage treatment cell containing iron filings (to remove U from water) and wood chips, and discharges the effluent to a gallery near Walnut Creek. Groundwater influent concentrations of U are fairly constant at 20 to 30 pCi/L. U effluent concentrations from the SPP treatment system are 0 to 0.96 pCi/L, averaging 0.15 pCi/L (DOE 2001). A minor modification to the 1999 IM/IRA was submitted and approved by CDPHE during Fiscal Year (FY) 02, to increase the amount of water treated by the treatment system, by installing a collection sump in the existing collection trench and pumping groundwater into the existing treatment cell. Gauging Station (GS)d13 is the performance monitoring location for the SPP treatment system.

Tritium has been detected in the vicinity of the SEP in both surface soil and groundwater based on historical sampling conducted in 1991. A signature of tritium was observed around the ponds in groundwater with a maximum concentration of 13,850 pCi/L in 1991. This concentration was below the drinking water standard of 20,000 pCi/L and currently this concentration is approximately 6,300 pCi/L due to radiological decay. Vadose transport and dispersion in saturated zones should further reduce this maximum concentration.

Tritium sampling has also been conducted near the SPP treatment system and the Site boundary to assess possible surface water impacts. The maximum concentration detected near the SPP treatment system in 1991 was 780 pCi/L. This detection was observed in January 1991 and exceeded the surface water standard of 500 pCi/L. Subsequent samples collected from October 1991 to February 1992 had concentrations below the surface water standard. Samples collected after April 1991 had tritium concentrations below detection limits. The overall averaged concentration at this location was 55 pCi/L. Tritium samples collected at the Site boundary from 1991 to 2002 had a maximum reported concentration of 13,400 pCi/L in 1991. Maximum concentrations steadily declined in the following years from 3,310 pCi/L and were below detection limits from 1999 to present day. Detection limits ranged from 150 to180 pCi/L at the Site boundary location.

The activity of tritium in groundwater and surface water near the SEP, and for the Site as a whole, are well below drinking water and surface water standards.

3.2 Soil Contamination

Extensive historical data from analysis of surface and subsurface soil from the SEP area were collected, quantified, and originally stored in electronic format in the RFETS environmental Soil Water Database (SWD). The sampling and analytical programs followed approved work plans, and chemical analytical results were validated in accordance with EPA and RFETS data validation guidelines. All contaminants detected are PCOCs.

In addition, characterization data obtained based upon actions conducted in accordance with the IASAP and the ER RSOP, such as confirmation samples collected after the removal of sumps, have been included in the closeout report and will not be included in this PAM.

Surface Soil Contamination 3.2.1

Surface soil contaminants include metals, nitrates, and radionuclides. The distribution of these contaminants on the SEP berms and nearby indicates that surficial contamination may have resulted primarily from aerosol dispersion of SEP liquids or SEP overtopping. The drainage tile between Pond 207-A and the 207-B Ponds appears to have discharged contaminants to the hillside north of the SEP. The occasional incidence of elevated metals in the seep areas north of the SEP were attributed most likely to the local accumulation of metals transported in groundwater that discharges to the ground surfaces. Although metal concentrations in seeps are occasionally elevated, there is no distinctive metals plume associated with the SEP (DOE 1999a). These fluctuations may be associated with variations in water chemistry such as pH or the concentration of various anions.

The sporadic distribution of semivolatile organic compounds (SVOCs) in surficial soil and their absence in vadose zone soil suggests that these contaminants are not related to waste management practices at the SEP. The SEP have been lined and relined on several occasions with asphaltic material, and the staging of asphaltic construction materials or operation of a "hotmix" batch plant may have contributed to the isolated sources of polycyclic aromatic hydrocarbon contamination. In addition, the distribution of polychlorinated biphenyl (PCB) ·Arochlor-1254 does not display a pattern consistent with contamination migration from the SEP. (Refer to OU 4 Solar Evaporation Ponds, Interim Measure/Interim Remedial Action Environmental Assessment Decision Document, Part II, Volume 1, Section 4 [DOE, 1995a].)

All concentrations of contaminants are below RFCA Tier I. In addition, contaminant concentrations are below proposed soil ALs (October 2002), with the exception of manganese, which is discussed further in the risk assessment (Attachment II) for the SEP.

Subsurface Soil Contamination

Subsurface soil samples were collected from within the 0 to 6 foot depth interval, the 6 to 12 foot depth interval, and depths greater than 12 feet. (Most samples stopped at the top of bedrock.) Samples outside the SEP were composited over 6-foot intervals, with the exception of samples for VOC analyses, which were collected at discrete 2-foot intervals. The sample intervals for collection of subsurface samples beneath the SEP were specified in TM No. 2 and varied from those subsurface samples collected outside the SEP as follows:

Samples composited over 2 foot intervals: Radionuclides, Target Analyte List (TAL)

> metals **VOCs**

Samples collected 2 feet below ground and at every

other 2 feet, and one sample from bedrock:

Samples composited over 4 foot intervals:

Nitrate

Samples composited over 6 foot intervals: SVOCs, pesticides, PCBs, cyanide, sulfide Subsurface contaminants include metals, VOCs, radionuclides, and nitrates. The extent of metals contamination in the subsurface was more limited than in the surficial soil; however, the general distribution was similar. Metal contaminants (barium, cadmium, calcium, potassium, sodium, and zinc identified as PCOCs in the OU 4 IM/IRA) occurred predominantly in the immediate vicinity of and beneath the SEP (in the 0.5 to 4 foot range). With the exception of barium (highest concentration ranged between 3.5 to 9.5 foot range) and zinc (highest concentration ranged between 12.2 and 18.2 feet), concentrations of metal contaminants generally decreased with depth. The distribution of metals in the subsurface indicates that metals entered the vadose zone from SEP liner breaches and were subsequently sorbed onto the soil matrix. Elevated metal concentrations also occurred at the outfall of the drainage tile on the hillside north of the SEP (DOE 1995a).

Toluene, acetone, and methylene chloride were the only VOCs detected at significant frequencies. Although toluene was frequently detected, the results of the duplicate sample evaluation indicate that the analyses for toluene were not accurate and precise. The pervasive distribution of toluene in the subsurface at low levels indicates that external factors, such as cross-contamination during sampling or analysis, may have been responsible for the identification of toluene in samples. Acetone and methylene chloride were detected in equipment rinsate and laboratory blanks, which also suggests that these VOCs were introduced during sampling and laboratory activities (DOE 1995a).

The distribution of radionuclides (Am-241, Pu-239/240, U-233/234, U-235, U-238, radium (Ra)-226, strontium (Sr)-89/90, cesium (Cs)-134, Cs-137, gross beta, and tritium were identified as PCOCs in the OU 4 IM/IRA) beneath the SEP indicates that activities generally decreased with depth. With the exception of U-233/235, U-238, gross beta radiation sources, and tritium, the presence of radionuclide contaminants is generally restricted to areas beneath the SEP (0.5 to 6 foot range) and the drainage tile outfall area north of Ponds 207-A and 207-B North. The exceptions listed are found beneath the SEP, and north, downgradient of the SEP at seeps within the former PA and further downslope (north) of the former PA in the Buffer Zone (BZ) (DOE 1995a). U contamination exists as a large dispersed area of very low activities beneath and to the north of the SEP; no discrete secondary source of U is apparent (Kaiser-Hill 2001).

The distribution of nitrate in the subsurface (0.5 to 4 foot range) suggests that nitrate has a distribution pattern similar to that of tritium and that concentrations decrease with depth. Cyanide is present beneath Pond 207-A, north of the drainage tile outfall area, and north of Pond 207-C at shallow depths (0 to 6 feet). Cyanide is also found pervasively throughout the vadose zone beneath the northeastern portion of Pond 207-B North, and at depth (greater than 12 feet) northeast of the SEP in the BZ (DOE 1995a).

All contaminant concentrations are below RFCA Tier I ALs. In addition, all subsurface soil contaminant concentrations are below proposed soil ALs (DOE, et al. 2002), with the exception of arsenic. The maximum detected concentration of arsenic in subsurface soil is 24.6 mg/kg and the proposed action level is 22.2 mg/kg. However, in following the proposed RFCA Attachment 5 soil risk screen process, no further accelerated action is required. (For specific depths and concentrations of contaminants, refer to the various tables in Appendix A.)

3.3 Liner Contamination

Fifteen pond liner material grab samples were collected as part of the OU 4 Phase I RFI/RI activities conducted in 1993; results were summarized in the 1995 proposed IM/IRA Decision Document for OU 4. Six samples were collected from Pond 207-A, and three samples each from Ponds 207-B North, 207-B Center and 207-C. These pond liner material samples were submitted for determination of TAL metals and radiochemical analytes. Cyanide analysis was also included for Ponds 207-B North and Center. Four additional samples were collected in Pond 207-C and analyzed for metals using the Toxicity Characteristic Leaching Procedure (TCLP).

Organic analysis was not conducted on the samples collected from the liner material, because the matrix of the material (asphalt) would interfere significantly with the method of analysis resulting in extremely high detection limits and data that cannot be interpreted. The overall concentration of organic contaminants that may be present in the liner material would be significantly less compared to the concentration of the matrix material. Therefore, because the ponds managed low concentrations of organics in the wastewater and sludge¹⁵, the ponds were designed to evaporate, and asphalt is an impermeable material, it is conservatively assumed that the concentrations of organics detected in subsurface soil (more absorbent than asphalt) are representative of the liner material as well. It is also noted that solvents and other organics were not reported to have been routinely discharged to the SEP (DOE 1995a).

Metals and radionuclides were detected in the liner material samples. The highest concentrations of metals were detected in Ponds 207-A (cadmium and lead) and 207-C (arsenic). Pond 207-A and Pond 207-C historically managed waste with higher concentration of contaminants. However, the TCLP results for the liner material from pond 207C indicate all RCRA metals were below regulatory limits and, therefore, the liner material is not a characteristic hazardous waste due to the presence of metals. These TCLP results are considered representative of all the ponds based on a review of all the pond liner material data, the historical use of the ponds, and a review of historical data associated with wastewater and sludge managed in the ponds.

4.0 FUTURE LAND USE

The current conceptual land use for the IHSS 101 AOC, as shown in RFCA Attachment 5, Figure 1, is a capped area and monitored retrievable storage, surrounded by a larger restricted open space area. Future on-site land use at RFETS includes environmental restoration, decontamination and decommissioning, and transfer of jurisdiction to the U.S. Fish and Wildlife Service for use as a wildlife refuge, in accordance with the Rocky Flats National Wildlife Refuge Act of 2001. The refuge is currently envisioned to require minimal maintenance following remediation, however, wildlife refuge workers (WRWs) are assumed to be present onsite for most of the year and engaged in refuge maintenance and ecological work activities. Ecological surveys performed in compliance with the Threatened and Endangered Species Act indicate the

¹⁵ In accordance with an EPA memorandum to the CDH (February 27, 1989): "After review of the analytical information presented in the solar ponds closure plans, it is apparent that the ponds did not contain listed organic solvents above land ban restrictions levels when analyzed in 1984, 1985 and 1986." (EPA 1989). In addition, analytical data collected in August 1991 indicate that VOCs, SVOCs, and alcohols were not detected in the liquids from Pond 207-A, and the B-series ponds. Parts per billion levels of tetrachloroethene and trichloroethene were detected in the liquids from Pond 207-C (DOE 1995a).

presence of habitat potentially suitable for protected plant and animal species, such as the Preble's Meadow Jumping Mouse. Because of the conceptual land use, residential development is not considered a foreseeable future land use scenario and was not included in the risk assessment.

5.0 EVALUATION OF RISKS

Attachment I presents an evaluation of data adequacy used to support and quantify risk calculations submitted in the human health risk assessment (HHRA) presented in Attachment II. The HHRA estimated health risks for WRW onsite receptors that could be exposed to COCs at the SEP AOC, based on historical data. (Results of this risk assessment do not take into account soil removed in accordance with ER RSOP Notification #02-08.) The AOC covered by the data evaluation and risk assessment is shown in Appendix A, Figure 1.1, and covers approximately 33 acres. The AOC was defined to include the modified IHSS 101, as well as an additional area to the south and north based on existing analytical data. Exposure media evaluated include surface soil, subsurface soil, pond liner material and outdoor air.

Extensive historical data from analysis of surface and subsurface soil and pond liner material from the SEP area were collected, quantified, screened, and then used to select COCs for a risk assessment. (Refer to Appendix A of the risk assessment for a description of the screening process.) These data¹⁶ were filtered and screened to ensure usability for risk assessment purposes. All contaminants detected are considered PCOCs. PCOCs were screened relative to PRGs for an on-site WRW exposure scenario set to a 1E-06 risk level and a HQ hazard quotient of 0.1, given that the target risk level is 1E-05. This ensures that the cumulative effects of PCOCs will be taken into consideration. Based on the risk assessment (Attachment II, the following COCs were identified:

| Surface Soil | Liner Material | Subsurface Soil |
|--------------|----------------|-----------------|
| Cadmium | Am-241 | Cadmium |
| Chromium | U-235 | Am-241 |
| Am-241 | | Pu-239/240 |
| Pu-239/240 | | U-234 |
| U-234 | | U-235 |
| U-235 | | U-238 |
| U-238 | | |

Am-241, Pu-239/240, and U-235 in surface soil are the largest contributors to risk. (Although manganese concentrations were above the proposed soil ALs (DOE, et. al. 2002), it was dropped as a COC because levels were was not statistically above background.) A complete set of the data used in the risk assessment and an evaluation of the data are presented in Appendix A of the risk assessment.

¹⁶ Data collected in 2002 as a result of the activities identified in ER RSOP Notification #02-08 and IASAP Addendum #IA-02-07 were not included in the data set used in the risk assessment.

Results of the risk assessment indicate the cumulative HI for non-carcinogenic health effects for RCRA constituents were well below 1.0 (0.04) for reasonable maximum exposure (RME) conditions. No adverse noncarcinogenic health effects are expected, even for sensitive individuals, because HIs are less than 1.0. Therefore, no action is warranted due to non-carcinogenic effects.

The total cancer risk to a WRW due to RCRA constituents is 3E-07 and 2E-06 for radionuclides. Therefore, based on achieving protective media cleanup standards for human health that support a risk less than 1E-05 for a WRW, no action is necessary for either RCRA or radionuclide COCs due to carcinogenic effects.

With regards to the liner material, the risk assessment identified only radionuclides as COCs. Because the concentration of all metals in the liner material and the concentration of organics present in the subsurface soil (conservatively assumed to be representative of the liner material) were screened to below 1E-06 for a WRW scenario, the liner material is determined not to contain hazardous waste above a 1E-05 risk to a WRW.

6.0 CONCLUSIONS

Based upon the current condition of the SEP area and on previous actions taken the following conclusions are supported:

- The source of the SPP contamination was the waste managed in the ponds; this waste has been removed from the ponds.
- Groundwater contamination is being treated and is addressed under a separate IM/IRA.
- Groundwater contaminants that are also present in soil are all below current RFCA Tier II ALs.
- The liner material was determined not to contain hazardous waste above a 1E-05 risk and is not a characteristic hazardous waste.
- The total carcinogenic risk to a WRW for RCRA constituents is 3E-07. The risk for radiological contaminants is 2E-06. Both of these risks are below the target risk of 1E-05 for a WRW.
- The HIs for non-carcinogenic effects are less than 1.0.
- Concentrations of contaminants in soil do not pose an unacceptable hazard to ecological receptors.
- Other RCRA units in the SEP area have been closed by removal.
- All aboveground structures, including sumps, valve pits, and lines located less than 3 feet belowgrade have been removed.

In addition, separate from RCRA closure, radiological contaminant activities have also been determined to be below both RFCA Tier I ALs and proposed soil ALs (DOE, et al. 2002). Therefore, under CERCLA, no additional action is required for these contaminants.

6.1 RCRA Closure

This section focuses only on RCRA constituents for purposes of demonstrating closure of the SEP and the entire AOC. The alternative closure requirements have been defined as follows:

- Achieve protective media cleanup standards for human health at 10-05 lifetime excess cancer risk for a WRW;
- Provide that the concentration of contaminants in soil do not exceed an HI of 1 for a WRW;
- Ensure that contaminants that exceed the ecological ALs for target species (listed in Table 3 Action Levels, in Attachment 5 of RFCA [DOE, et al. 2002]) do not pose an unacceptable hazard considering the target species and exposure unit for that species, and the location, areal extent and concentration of contamination; and
- Comply with the closure performance standard in 6 CCR 1007-3, Section 265.111(a) and (b).

As previously discussed, the results of the risk assessment indicate that for RCRA constituents the total cancer risk to a WRW is 3E-07, which is well below the closure requirement of 1E-05 for a WRW. The HI is 0.04, which is below 1.0, and contaminant concentrations are below ecological ALs.

The closure performance standard of 6 CCR 1007-3, Section 265.111(a) and (b) is defined as:

- Minimizes the need for further maintenance; and
- Controls, minimizes, or eliminates, to the extent necessary to protect human health and the
 environment, post-closure escape of hazardous waste, hazardous constituents, leachate,
 contaminated runoff, or hazardous waste decomposition products to the ground or surface
 waters or to the atmosphere.

Therefore, to demonstrate compliance with this closure performance standard, the following sections discuss each of these requirements.

6.1.1 Minimize the Need for Further Maintenance

No further maintenance of the SEP AOC is required for the following reasons:

- The concrete pads associated with RCRA Units 21 and 48 were closed by removal.
- Contaminated soil beneath the concrete pads associated with RCRA Units 21 and 48 was removed.
- Segments of the OPWL, valve vaults associated with the OPWL, and collection sumps associated with drainage tiles and the leak detection system were removed.



- Contaminated soil around the OPWL, valve vaults, and collection sumps were removed.
- Contaminated soil from PAC 900-1310 was removed.
- Soil removal was not necessary for purposes of reducing the long-term stewardship obligations of the SPP treatment system.
- No leachate is being generated from the current SEP configuration.
- The SEP liner material at the surface, as it currently exists, does not contribute to risk.
- The concentration of contaminants in soil does not exceed an HI of 1 for a WRW.
- The concentration of contaminants in soil does not pose an unacceptable hazard to ecological receptors.
- All surface and subsurface soil contaminants are below RFCA Tier I ALs.
- Contaminant concentrations are below the proposed soil ALs (DOE, et al. 2002), with the exception of manganese, which was determined not to be statistically above background.
- The total cancer risk to a WRW due to RCRA constituents is 3E-07, which is well below target risk of 1E-05 for a WRW scenario.

6.1.2 Post-Closure Escape of Hazardous Waste

Because the source of contamination associated with the SEP (wastewater and sludge) has been removed, the potential for post-closure escape of hazardous waste has been eliminated. In addition, both the liner material and surrounding soil are determined not to contain hazardous waste above a 1E-05 risk to a WRW. In addition, the liner material does not exhibit the toxicity characteristic for D004-D011 metals and is not considered a D001, D002, or D003 hazardous waste.

6.1.3 Post-Closure Escape of Hazardous Constituents

Because the source of hazardous waste has been removed, and both the liner material and soil do not contain hazardous waste above the 1E-05 risk to a WRW, the potential for post-closure escape of hazardous constituents does not present a situation adverse to the long-term protection of human health and the environment.

6.1.4 Post-Closure Escape of Leachate

Because all hazardous waste has been removed, and remaining constituents are below risk-based levels, the potential for post-closure escape of leachate has been minimized. Currently, no leachate exists from the SEP.

6.1.5 Post-Closure Escape of Contaminated Runoff

Both the liner material and soil have been determined not to contain hazardous waste above the 1E-05 risk to a WRW. Therefore, the potential for post-closure escape of contaminated runoff has been minimized.

6.1.6 Post-Closure Escape of Hazardous Waste Decomposition Products

Because all hazardous waste has been removed, and the liner material and remaining soil do not contain hazardous waste above the 1E-05 risk to a WRW, the potential for post-closure escape of hazardous waste decomposition products has been minimized.

This PAM is proposing a NFA designation for the SEP AOC, because the SEP meet the alternative RCRA closure requirements by achieving cleanup to the 1E-05 risk for a WRW and complies with the closure performance standard in 6 CCR 1007-3, Section 265.111(a) and (b).

6.2 IHSS 101

Without additional remedial action, the SEP area, including IHSS 101, is protective of human health and the environment because the total carcinogenic risk to a WRW for RCRA constituents is 3E-07 and for radiological contaminants is 2E-06. The HI for non-carcinogenic effects is less than 1.0. Contaminant concentrations remaining are below the ecological AL (DOE, et al. 2002) for target species. In addition, all surface and subsurface soil contaminant concentrations are below RFCA Tier I ALs for open space; all surface and subsurface soil contaminant concentrations are below the proposed RFCA ALs (DOE et al. 2002) resulting in a lifetime excess cancer risk of 1E-05 to a WRW. Consequently, no further remedial action is required for IHSS 101.

6.3 Summary

Table 6-1 summarizes the activities required for completion or closure of the SEP and the various other units that exist within IHSS 101.

7.0 ENVIRONMENTAL IMPACTS

Paragraph 95 of RFCA specifies that National Environmental Policy Act (NEPA) values will be included in RFETS decision documents (DOE, et al. 1996). While environmental consequences are addressed in part throughout the decision document, this section of the document specifically examines environmental impacts and satisfies the RFCA requirement for a NEPA-equivalent assessment.



Revision: 1
Page 43

Table 6-1 Completion Table III

| Unit Name | RCRA Unit/IHSS/PAC | Required Completion Activity | Mechanism For Completion | Completion Documentation |
|---|---|--|---|---|
| SEP | RCRA Interim Status Unit (No number), IHSS 101, and PAC 000-101 | RCRA Closure for RCRA Unit, and NFA for IHSS and PAC | RCRA Closure using alternative closure requirements, achieving 10 ⁻⁵ risk and an HI <1 to a WRW for RCRA constituents. COCs in soil do not pose a hazard to ecological receptors ¹⁷ . NFA determination for remaining contaminants using RFCA Tier I ALs, achieving 10 ⁻⁵ risk to a WRW, HI <1, and are below proposed soil ALs (October 2002) ¹⁸ . | PAM and HRR |
| A portion of OPWL, sumps and valve pits | Portions of IHSSs 121 and 149.1 (no PAC number) | NFA for IHSSs | A portion of the line was removed, remaining lines are > 3 feet belowgrade, and the soil in areas of known releases is below RFCA Tier I ALs. | Closeout Report and HRR for IHSS and PACs |
| A portion of NPWL ¹⁹ | A portion (Box 5 at Building 910 to UBC Site 774 fence) of RCRA Unit 374.3 and PAC 000-504 (no IHSS number) | Partial RCRA closure and NFA for PAC | RCRA closure by removal of the aboveground line. | |
| MST line | No specific IHSS or PAC ²⁰ No. | None | NA | } |
| Permacon Concrete Pad | RCRA Permitted Unit 21 (no IHSS or PAC number) | RCRA closure | RCRA closure by removal of the concrete pad and soil to RFCA Tier I ALs. | |
| Clarifier and 308A pumphouse Concrete Pads | RCRA Interim Status Unit 48 (no IHSS or PAC number) | RCRA Closure | RCRA closure by removal of concrete pads and soil to RFCA Tier I ALs. | |
| ITS Water Spill | PAC 900-1310 (no IHSS No.) | NFA for PAC | Removal of soil to RFCA Tier I ALs. (Recent analytical results indicate radionuclides, nitrate/nitrite and metals < Tier II ALs, except arsenic < Tier I ALs.) | |
| Entire Area considered SEP AOC | | | Risk at 1E-05 and HI <1 to a WRW for all contaminants. COCs in soil do not pose a hazard to ecological receptors. Radiological contaminants are below RFCA Tier I ALs. Groundwater contaminants that are also in soil are below Tier II soil ALs. Remaining contaminants are below proposed soil ALs (10/2002). | PAM |

¹⁷ After consultation with the regulatory agencies, it was determined that there is one elevated concentration of lead (121 mg/kg) above the ecological AL (97.7 mg/kg), which was determined not to be an impact to target species.

¹⁸ The maximum surface soil manganese concentration exceeds the proposed soil ALs (DOE et al. 2002), however manganese was determined not to be statistically above background in the risk assessment and it was not identified as a COC. The maximum subsurface soil arsenic concentration (24.6 mg/kg) exceeds the proposed soil AL (22.2 mg/kg); however, this concentration was detected at a depth of 13 feet, which was, therefore, not included in the risk assessment, and arsenic was not identified as a COC.

¹⁹ The NPWL has multiple RCRA unit numbers associated with it. RCRA Unit 374.3 only represents the portion of the NPWL located within IHSS 101.

²⁰ This line could be associated with the Interceptor Trench Pumphouse, PAC NE-1409, which received NFA approval in 2001.

In general, this PAM demonstrates that the SEP can be left in their current condition without presenting an unacceptable risk to human health and safety or the environment. Closure of the SEP, without implementing best management practices (BMPs) such as leveling the berms and ponds, will not affect or will have very minor effects on air quality, groundwater, ecological resources, soil and geology, and human health and safety. The visual appearance of the SEP will not match the appearance of a native grassland, and reestablishment and maintenance of native vegetation may be more difficult than on a contoured surface; however, these effects would not be significant. Surface water will collect in the SEP after rains or snowfall; generally, the collected water will evaporate. While sampling of water in Pond 207-A demonstrates that most parameters will pass surface water standards, if activities are planned in or around the SEP, surface water will be removed and managed per existing Site procedures (for example, for incidental water).

Implementation of BMPs will have more notable impacts, which will be both beneficial and adverse. In most aspects, the impacts will be positive and lasting. Positive impacts will occur by reducing or eliminating movement of and exposure to residual contaminants from the SEP, by increasing wildlife habitat, and through an improvement in the appearance of the area. Adverse impacts are limited to temporary effects, such as increased air emissions from the use of heavy equipment, potential erosion during remedial activities, and increased risks to safety during remedial operations. Both social and environmental impacts associated with the BMPs were considered. The following sections discuss the impacts from the BMPS; some issues are briefly discussed in the following paragraphs only.

The SEP project does not affect compliance with the Historic Preservation Act of 1966. Because the project area has been disturbed previously, and most of the subsurface will not be further disturbed, the discovery of archeological or historic artifacts is very unlikely. If such artifacts are encountered, work will be stopped and appropriate RFETS procedures will be followed.

Equipment used and dust generated during the BMP activities will be visible temporarily, and dust-control measures, such as watering, will be used as needed. Long-term, reclamation of the area will provide a more natural appearing landscape. Noise levels will be temporarily elevated during BMP activities, however, they are not expected to exceed levels commonly encountered during highway construction projects. Sensitive human receptors are not found near the SEP; therefore, noise is not a concern.

In accordance with Executive Order 12898, potential impacts on minority and low-income populations were considered. The activities will occur on site away from inhabited areas, and will not lead to offsite indirect effects on nearby populations. Disproportionately high and adverse human health or environmental effects will not be imposed on these populations. The BMP activities will provide short-term employment for a limited number of people (less than 1 percent of currently employed RFETS personnel), and socioeconomic effects of the activities will be minimal.

7.1 Air Quality

Implementation of the BMP will impact air quality; however, the impacts to air quality will be temporary, and will primarily occur from the operation of construction equipment. Fugitive dust,



including total suspended particulates (TSP) and particulate matter less than 10 micrometers in aerodynamic diameter (PM_{10}), is of greatest interest.

Fugitive dust emissions are estimated by identifying the types and capacities of the construction equipment to be used, duration of activities, the area or volume of soil to be disturbed, travel distances, environmental conditions, and use of an emission factor for each category of operations. The estimates use factors and equations for estimating emissions from the Compilation of Air Pollutant Emission Factors, AP-42, 5th Edition, Volumes 1 and 2 (EPA 2000).

Fugitive dust emissions were estimated using factors for bulldozers, graders, and scrapers for the purpose of moving berms and importing 35,000 cubic yards of soil. The work includes contouring the entire site, and is estimated to last for 6 weeks at 40 hours per week.

Total projected emissions are 5.5 tons TSP, and 2.3 tons PM₁₀ (AQM 2002). The fugitive dust quantities are total amounts for the entire project. Most fugitive dust emissions will fall back to the ground at the SEP. The fugitive dust will include several nonradiological components that are specifically estimated. The following emissions are total amounts for the entire project on an annual basis: arsenic (6E-03 pounds); cadmium (3E-01 pounds); chromium (10E-02 pounds); and manganese (6E+00 pounds). Monitoring these emissions is conducted with special attention to a specified level of concern of 250 pounds per year; therefore, these emissions are not significant.

Radiological emissions are based on the initial surface soil screening. The modeled result for the SEP activities is 2.9E-03 mrem per year effective dose equivalent (EDE) to the maximally exposed individual (person most greatly impacted by the activities). The modeled EDE is well below the threshold monitoring level of 0.1 mrem per year, and radiological emissions are not significant.

7.2 Surface Water

The SEP are situated on a level area and cover about six acres. The entire SEP AOC covers approximately 33 acres. Surface water consists of small amounts of water in the ponds; water in the ponds will be removed prior to the berms being pushed in. Surface water concerns are related to runoff and the effects on nearby drainages.

During contouring of the area, soil can be transported by runoff from precipitation events. The ground surface north of the SEP slopes steeply downward toward North Walnut Creek; however, surface water flow is intercepted by open channels and stormwater culverts.

Surface water monitoring will be conducted as part of the Sitewide IMP to ensure that contaminant concentrations are not increasing, and that water quality standards are met.

7.3 Groundwater

Groundwater quality in the area of the SEP will not be directly affected by BMP activities. Groundwater is not directly addressed by this PAM; remedial actions for groundwater are

considered in other plans. For example, the groundwater plume under and downgradient of the SEP is being addressed as part of the ongoing SPP IM/IRA.

The long-term indirect effect of the BMPs will be to direct water away from the area of the SEP, and allow greater volumes of water to be captured by plants growing on the site and released through the evapotranspiration process.

7.4 Ecological Resources

As currently configured, the SEP have little ecological value, and activities to cover and contour the SEP will have little short-term impact on ecological resources. The finished site will provide 33 acres of revegetated open space that will have value for small mammals, songbirds, and similar species. The ecological value of the SEP area should increase over time, as the surrounding area is also revegetated, and animal species are better able to use the site. The area is to be revegetated with native plant species, which will be beneficial; however, but adverse impacts could occur if weed species are allowed to infest the area. The controls to ensure that a natural vegetative cover is established, and weed growth is prevented, will be identified and implemented in the Final Site Corrective Action Document/Record of Decision (CAD/ROD).

7.5 Soil and Geology

The ponds will be filled with material from the berms (material originally excavated from the site) and additional soil will be brought in as fill and topsoil. Contaminated soil within the SEP was removed prior to implementing the BMP. Removal of contaminated soil will benefit the area as a whole. The use of mixed soil to change the area from an industrial pond use to a more natural prairie setting will also be beneficial in terms of soil and soil productivity in the remediated SEP area.

In the borrow site east of the ponds, where fill materials will be obtained, surface soil will be removed and soil productivity will be reduced.

Subsurface geological resources would not be affected. Prime or unique farmlands would not be affected.

7.6 Human Health and Safety

Closure of the SEP is being approached in a manner that identifies and evaluates cumulative risks to human health and safety. To ensure protection of human health and the environment, a risk assessment was performed based on COCs within the AOC. In particular, this PAM reviews the long-term risk to a hypothetical person subject to the greatest exposure (i.e., a future WRW). Short-term construction activities, which can pose a direct risk of injury to workers, are also evaluated in this PAM.

BMP activities in the area of the SEP are comparable to typical construction activities (for example, operation of heavy equipment); unique or unusual activities are not associated with the closure. The activities will be short-term, lasting days to months, and will pose safety risks for workers that are similar to other demolition and construction operations. These risks are addressed through various controls required at the Site. For example, a project-specific Health

and Safety Plan (HASP) will address the entire scope of the project. As part of the HASP, a Job Hazard Analysis (JHA) will be prepared that will address each task, the hazards associated with that task, and the controls (for example, the use of personal protective equipment [PPE]) needed to minimize the risk inherent in that task. These controls and the focus on safety minimize the short-term risk associated with the project.

The long-term health and safety risk associated with the closed SEP is the focus of this document. As a primary requirement to closing the SEP, this document looks at future risks to a hypothetical most highly impacted person (i.e., WRW). The risks are based on an evaluation of COCs, which could have non-carcinogenic and carcinogenic effects on WRWs. This conservative approach bounds the maximum impact for offsite receptors or future visitors, because the risks to a WRW will be much higher than to any other person.

Non-radiological health effects from exposure to chemicals using an HI. An HI greater than 1 is considered to be a basis for concern. The risk assessment in this PAM finds that the HI for non-carcinogenic health effects is well below 1 (0.04). The total cancer risk to a WRW, due to exposure to RCRA constituents left at the SEP, is less than 1 excess cancer case per 1 million exposed individuals (3E-07), and the total cancer risk to a WRW due to radionuclides (principally Am-241 and U-235) is 2E-06. These risks are well below the RCRA closure requirements for non-radiological contaminants and below the RFCA Tier I ALs for radiological contaminants. Therefore, the potential impact to the long-term health and safety of WRWs (and other persons) is insignificant.

7.7 Irreversible and Irretrievable Commitment of Resources

Irreversible and irretrievable resources are resources that are consumed, committed, or lost. Activities discussed in the PAM will irreversibly and irretrievably use or commit resources, but will not result in a significant loss of resources. Committed resources include the consumptive use of geologic resources and fuel use during construction activities. Fill, clay, sand, and gravel will be needed; the proposed approach requires a permanent commitment of approximately 35,000 cubic yards of these materials. Adequate supplies are available locally without affecting local demand for these products. Fuel will be consumed by construction equipment and vehicles performing the construction, and will not be recovered.

7.8 Cumulative Impacts

Cumulative impacts may result from the combination of incremental impacts from past, present, and reasonably foreseeable future actions. Cumulative impacts could have the potential of being more significant than individual impacts due to synergism between types and areas of impacts or the individual impacts collectively resulting in significant effects to the environment.

The Rocky Flats Environmental Technology Site Cumulative Impacts Document (CID) (DOE 1997) provides a broad-scope environmental impact analysis of activities planned to achieve the current RFETS mission of site cleanup and closure. Environmental issues related to closure in general are addressed in that document. Specific activities, such as remediation of the SEP, may have cumulative effects, although at this time there are no other activities planned in the vicinity of the SEP that are expected to have significant cumulative environmental impacts.

Likely activities that would occur in the vicinity of the SEP would include the removal of SEP components. Components removed would include, for example, contaminated facility slabs, abovegrade waste lines, valve vaults, collection sumps, manholes, utilities and support racks, concrete ramps and barriers, soil contaminated by known releases (that is, OPWL, valve vaults, and collection sumps), unnecessary groundwater monitoring wells, and lysimeters. Decommissioning and demolition activities throughout the Site would continue, and trucking of waste and materials would be cumulative with the SEP closure.

The following types of cumulative impacts may occur:

- Implementing the BMP means that approximately 35,000 cubic yards of soil will be brought in to this area. While traffic generated by the project will occur at the same time as other activities, the vehicle travel will occur on RFETS, and the impact will be temporary and insignificant.
- Water erosion of the SEP berms could occur if substantial rainfall occurs during remedial
 activities; other projects with exposed soil would also be eroded. Given the generally flat
 area of the SEP, and mandatory erosion controls at RFETS, significant cumulative erosion
 would not be expected.
- Along with the rest of the IA, the revegetated SEP will provide additional habitat for wildlife. The effect will be beneficial as long as weed growth is prevented.
- The visual impact of the remediated area will be enhanced as other parts of the Site are also remediated.

8.0 LONG TERM STEWARDSHIP

This stewardship evaluation describes current site conditions, proposed actions and the anticipated effect on current site conditions, and stewardship recommendations.

8.1 Current Site Conditions

Based on previous studies and removal actions at the SEP (Sections 2.0 and 3.0), all contaminant concentrations are less than RFCA ALs in surface and subsurface soil with the exception of manganese, which was eliminated as a COC at this site. Radionuclides (Am, Pu, and U) and metals (cadmium and chromium) are found in concentrations greater than background in surface soil. Radionuclides (Am, Pu, and U) and cadmium are found in concentrations greater than background in subsurface soil. Am and U are found in concentrations greater than background in the liner material.

Results of the risk assessment (Section 5.0 and Attachment II) indicate the cumulative HI for non-carcinogenic health effects was well below 1.0 (0.04) for RME conditions. The total cancer risk to a WRW was 3E-07 and 2E-06 for radionuclides before removal of hot spots. Total cancer risk to a WRW following removal of hot spots is 1E-06.



Surface soil areas exceeding proposed soil ALs (DOE, et al. 2002) for Am-241 and Pu-239/240 were removed in accordance with ER RSOP Notification #02-08 (DOE 2002b). These removals also resulted in removing soil with beryllium and cadmium concentrations greater than ecological receptor ALs. Lead concentrations were determined to be significantly lower than background values and was eliminated as an ecological COC.

An evaluation of contaminant concentrations present in surface and subsurface soil associated with the ponds indicated there is no source term present that could impact surface water by leaching and transport mechanisms. A reactive barrier treatment system is in place north of the SEP that collects and directs SEP groundwater flow to two passive treatment cells. The treatment system is designed to treat U and nitrate, but is also effective at capturing metals and VOCs.

8.2 Proposed Action Memorandum Measures

NFA is required at SEP; however, several BMPs will be implemented including the following:

- Remove standing water within the ponds;
- Sample and analyze the liner material and soil beneath Pond 207-B South;
- Collect additional samples of the liner material and soil beneath Pond 207-C;
- Push in pond berms;
- Add clean fill to create a level area; and
- Regrade and revegetate.

It is anticipated that after the BMPs are completed the risks to receptors will be eliminated because surface soil and liner materials will be covered, and contact via inhalation, ingestion, and external exposure to radionuclides and metals will be prevented.

8.3 Monitoring

Environmental monitoring, including downstream surface water and downgradient groundwater monitoring is being conducted as part of the Sitewide IMP. There are currently eight monitoring wells and five surface water-monitoring stations. Additionally, groundwater is monitored to measure the effectiveness of the treatment system.

8.4 Stewardship Actions and Recommendations

Near- and long-term stewardship requirements are based on residual contamination at the SEP AOC. Because the risk assessment results indicate environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, near-term stewardship actions for the SEP AOC consist of the following:

- Control excavations through the Site Soil Disturbance Permit process;
- Control access to groundwater; and
- Install fencing and post signs restricting access to the site.

Because the risk assessment results indicate environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, the long-term stewardship actions and recommendations for the SEP AOC are as follows:

- Continue Federal ownership and control over the site;
- Implement land use restrictions to prevent soil excavation that could access or disturb residual contamination. Specific land use restrictions will be discussed in the Site Long-Term Stewardship Plan and evaluated along with other institutional controls for implementation in the final remedy selection process;
- Maintain the groundwater treatment system;
- Restrict groundwater use;
- Review groundwater and surface water monitoring stations near the SEP when long-term monitoring options are evaluated; and
- Maintain environmental data and other relevant data.

These recommendations may change based upon other future Site remedial activities.

9.0 BEST MANAGEMENT PRACTICE ACTIONS

Because no additional actions are needed for purposes of demonstrating closure under RCRA, the berms will be pushed into the ponds, and the area will be graded and vegetated as a BMP.

The BMPs will involve removing any standing water within the ponds, pushing in the berms, adding clean fill to create a level area, and grading and vegetating the area. These actions will commence as a BMP, after completion of activities described under the ER RSOP notification. This includes removal of SEP components (for example, facility slabs, abovegrade waste lines, valve vaults, collection sumps, manholes, and other utilities), contaminated soil, lysimeters, and unnecessary groundwater monitoring wells that were abandoned. Contaminated soil associated with PAC 900-1310 has also been removed. Pond liners, the OPWL, drainage tiles, and leak detection lines will remain, as well as some groundwater monitoring wells. Water within the ponds will be sampled and managed based on analytical results (for example, use for dust suppression or transported to the Building 891 wastewater treatment facility). Clean fill dirt (approximately 12,000 cubic yards) and topsoil will be brought in to create a level area. The source of the fill may be an area between IHSS 165 and the North Perimeter Road. Grading will be performed to conform to the topography of the surrounding area (that is, tied in uniformly with existing contours) and provide adequate site drainage. Slopes will be kept to a minimum to



reduce erosion. The area will be vegetated with native grass species. All work will be performed to comply with Site Environment, Safety and Health requirements, including ALARA and stewardship requirements. Long-term adverse impacts from the activities are not expected.

When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds and from recent samples taken through the liners, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope toward the northwestern corner. The A and C ponds slope toward the northeastern corner.) In addition, a majority of the sidewalls will be removed after the berms are pushed in, which will allow precipitation to flow out laterally. If, after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, GeoProbe TM) for purposes of breaching the liner material in additional locations.

Environmental monitoring, including downstream surface water and downgradient groundwater monitoring, will also be conducted as part of the Sitewide IMP to ensure that contaminant concentrations are not increasing and that water quality standards are being met. (Refer to IMP [DOE 199_] and Final Solar Ponds Plume Decision Document [DOE 1999a].) Monitoring results will be used to determine whether additional remediation is warranted.

9.1 Worker Health and Safety

All work under this proposed action will be controlled using the Site Integrated Safety Management System (ISMS) and the Integrated Work Control Program (IWCP). A project-specific HASP will be developed to address the safety and health hazards of project execution and specify the requirements and procedures for employee protection. The Occupational Safety and Health Administration (OSHA) construction standard for Hazardous Waste Operations and Emergency Response, 29 Code of Federal Regulations (CFR) 1926.65 will be used as the basis for the HASP. In addition, DOE Order 5480.9A, Construction Project Safety and Health Management, applies to this project. This Order requires preparation of an Activity Hazard Analyses (AHA) for each task, which includes identifying each task, the hazards associated with each task, and the controls necessary to eliminate or mitigate the hazards. The AHAs will be included in the HASP.

Data and controls will be continually evaluated. If field conditions were to vary from the planned approach (for example, when unanticipated hazards are encountered, such as contaminated debris and airborne contamination), an AHA would be prepared for the new conditions, and work would proceed according to the appropriate control measures.

9.2 Water Management

If belowgrade lines are encountered when pushing in the berms, special care will be taken to ensure that no liquids remaining in waste lines are released to the environment. Lines will be flushed into drums and then plugged.

During construction activities, silt fences will be used to minimize soil transport. Temporary berms could also be used to control stormwater runon and runoff and related erosion. If water were to accumulate in the ponds during backfilling operations, the water will be handled according to the practices specified in the Control and Disposition of Incidental Waters (Kaiser-Hill 1998). However, work will be conducted during the dry season; as such storm events are not expected to generate significant runoff and water accumulation problems.

9.3 Air Quality Management and Monitoring

Routine sitewide monitoring will be conducted during project execution. The Kaiser-Hill, L.L.C. Air Quality Management group maintains the RFETS Radioactive Ambient Air Monitoring Program (RAAMP), which monitors the perimeter of RFETS continuously with samples collected and analyzed on a monthly basis. The RAAMP sampling network also includes monitoring stations inside the perimeter of RFETS, from where samples are collected but not analyzed unless conditions warrant additional analysis.

Dust suppression will be performed to minimize the potential for particulate dispersion. Wind speed and direction are monitored continuously at RFETS, and these data are available through the shift superintendent.

9.4 Waste Management

Very little waste (e.g., PPE) will be generated during the backfilling and seeding operations. The existing berms and liners will not be removed, but instead will be pushed into the ponds. Almost all of the waste will be generated under other actions (Section 3.0). All waste generated will be managed according to Site procedures and regulations.

10.0 ADMINISTRATIVE RECORD

This section identifies the documents that constitute the Administrative Record (AR) file for this decision. After completion of the public comment period, all comments received from the public, the responsiveness summary, and the approval letter will be incorporated into the AR file. Approval of this decision document approval by the regulatory agencies of the projects's AR file. The following documents constitute the AR file:

- CDPHE, 1995, CDPHE Letter to DOE regarding comments on the Proposed OU 4, SEP, IM/IRA Decision Document, February 1995; (Administrative Record # I101-A-000289).
- DOE, CDPHE, and EPA, 1996, Rocky Flats Cleanup Agreement, July 19, 1996 (as updated).
- DOE, 1991 2001, Historical Release Reports and Annual Updates.
- DOE, 1992, Final Proposed IM/IRA Decision Document for the SEP, OU 4, DOE, February.
- DOE, 1992, Final Phase I RFI/RI Work Plan, OPWL, February.
- DOE, 1992, Final Phase I RFI/RI Work Plan, SEP, January 1992, as revised May 1992.



- DOE, 1992, Final TM 1, Vadose Zone Investigation, SEP, OU 4, December.
- DOE, 1993, Final TM 2 to Final Phase I RFI/RI Workplan, Modifications to Field Activities, SEP, OU 4, June.
- DOE, 1993, Final TM 3 to Final Phase I RFI/RI Workplan, Modifications to Field Activities, SEP, OU 4, June 1993.
- DOE, 1993, Final TM 4 to Final Phase I RFI/RI Workplan, Modifications to Field Activities, SEP, OU 4, June.
- DOE, 1993, Historical Release Report for the Rocky Flats Plant, Second Quarterly Update, October 1, 1992 to January 1, 1993, Rocky Flats Plant, Golden, Colorado.
- DOE, 1994, Final Phase II RFI/RI Work Plan, SEP, September.
- DOE, 1995, OU 4 SEP IM/IRA Environmental Assessment Decision Document, DOE February.
- DOE, 1997, Cumulative Impacts Document.
- DOE, 1999, Final Solar Ponds Plume Decision Document.
- DOE, 2001, Industrial Area Sampling and Analysis Plan.
- DOE, 2002, Final ER RSOP for Routine Soil Remediation.
- DPE, 1998, Solar Evaporation Ponds Closure Plan, July.
- DOE, 2002, ER RSOP for Routine Soil Remediation Notification # 02-08.
- DOE, 2002, IASAP Addendum # 02-07.
- DOE, 2002, Minor Modification for the Final Solar Ponds Plume Decision Document.
- DOE 2002, Draft Closeout Report for SEP AOC.
- DOE, 2002, Groundwater Monitoring Program for 2001 Quarterly Updates.
- DOW, 1974, External Letter from DOW to RFAO regarding Disposition of Water from Sanitary Landfill.
- EG&G, 1995, EG&G Letter to DOE regarding reminder of decision not to core sample 207B South-SRK-026-95,(Administrative Record # 1101-A-00007).
- EG&G, 1993, Background Geochemical Characterization Report.
- EG&G 1995, Geologic Characterization Report for RFETS, Volume I.

- EPA, 1989, EPA Letter to Colorado Department of Health regarding the transfer of liquids between the solar ponds, February (Administrative Record # A-OU04-000180).
- Kaiser-Hill, 2002, WARP Work Plan Addendum for SEP.
- RMRS 1995, Solar Evaporation Pond 207C Characterization Report for RFETS.
- RMRS 1999, Final Closeout Report, Building 788 and Clarifier Tank.
- RMRS 1999, Final Solar Ponds Plume Decision Document.
- RMRS 1996, Management Plan for ITS Water.

11.0 RESPONSIVENESS SUMMARY

Responses to comments are included in Attachment III of this document. Specific responses address the following comments:

- Rocky Flats Coalition of Local Governments (RFCLOG) Comments dated October 15, 2002;
- CDPHE Comments dated October 9, 2002; and
- Rocky Flats Citizen Advisory Board (RFCAB) Comments dated November 7, 2002

12.0 REFERENCES

AQM, 2002, Solar Pond Remediation PAM Calculations, RFETS, September 19.

CDPHE, 1992, May 8, 1992, letter to DOE regarding conditional approval of Final Phase I RFI/RI Workplan, Solar Evaporation Ponds (OU 4), Rocky Flats Plant, Golden, Colorado, January.

CDPHE, 1993, August 17, 1993, letter to DOE approving TM-2, Modification to Field Activities to the Final Phase I RFI/RI Workplan (OU 4) Solar Evaporation Ponds, Rocky Flats Plant, Golden, Colorado, March.

CDPHE, 1995a, January 4, 1995, letter to DOE regarding the determination of "empty" status for OU-4 Solar Evaporation Ponds (Administrative Record # I101-A-000288) January.

CDPHE, 1995b, April 11, 1995, letter to DOE regarding comments on the Proposed OU 4, Solar Evaporation Ponds, Interim Measure/Interim Remedial Action/Environmental Assessment Decision Document, February 1995 (Administrative Record # I101-A-000289) April.

DOE, 1988, Solar Evaporation Ponds Closure Plan, Rocky Flats Plant, Golden, Colorado July.

DOE, 1992a, Final Proposed IM/IRA Decision Document for the SEP, Operable Unit 4, Rocky Flats Plant, Golden, Colorado, February.



DOE, 1992b, Final Phase I RFI/RI Work Plan, Solar Evaporation Ponds (Operable Unit 4), Rocky Flats Plant, Golden, Colorado, January 1992, as revised May 1992.

DOE, 1992c, Final Phase I RFI/RI Work Plan, Original Process Waste Lines (Operable Unit 9), Rocky Flats Plant, Golden, Colorado, February.

DOE, 1993, Historical Release Report for the Rocky Flats Plant, Second Quarterly Update, October 1, 1992 to January 1, 1993, Rocky Flats Plant, Golden, Colorado.

DOE, 1994a, Historical Release Report for the Rocky Flats Plant, Seventh Quarterly Update, January 1, 1994 to March 31, 1994, Rocky Flats Plant, Golden, Colorado.

DOE, 1994b, Historical Release Report for the Rocky Flats Plant, Ninth Quarterly Update, July 1, 1994 to September 30, 1994, Rocky Flats Plant, Golden, Colorado.

DOE, 1994c, Final Phase II RCRA RFI/RI Work Plan, OU 4, SEP, RF/ER-94-00040, Rocky Flats Plant, Golden, Colorado, September.

DOE, 1995a, OU 4 SEP, IM/IRA Environmental Assessment Decision Document, Rocky Flats Plant, Golden, Colorado, February.

DOE 1995b, January 6, 1995 Letter to CDPHE regarding the status of meeting the OU 4 milestone of removing sludge and water from all the solar ponds.

DOE, 1995c, Historical Release Report for the Rocky Flats Plant, Eleventh Quarterly Update, January 1, 1995, to March 31, 1991, Rocky Flats Plant, Golden, Colorado.

DOE, 1997, Rocky Flats Environmental Technology Site Cumulative Impacts Document, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 1999a, Final Solar Ponds Plume Decision Document, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 1999b, Integrated Monitoring Plan, Rocky Flats Environmental Technology Site, Golden, Colorado.

DOE, 2001, Quarterly Report for the Rocky Flats Groundwater Treatment Systems, 2001 4th Quarter, Rocky Flats Environmental Technology Site, Golden, Colorado.

DOE, 2002a, Final Environmental Restoration RFCA Standard Operating Protocol for Routine Soil Remediation, Rocky Flats Environmental Technology Site, Golden, Colorado, January.

DOE, 2002b, Environmental Restoration RFCA Standard Operating Protocol for Routine Soil Remediation Notification # 02-08, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE 2002c, Minor Modification to the Final Solar Ponds Plume Decision Document, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 2002d, Environmental Restoration Industrial Area Sampling and Analysis Plan Addendum #IA-02-07, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE, 2002e, Draft Closeout Report Solar Evaporation Ponds Area of Concern, Rocky Flats Environmental Technology Site, Golden, Colorado, December.

DOE, CDPHE, EPA, 1996, Final Rocky Flats Cleanup Agreement, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE, CDPHE, EPA, 2002, Draft Modification to the Rocky Flats Cleanup Agreement, Rocky Flats Environmental Technology Site, Golden, Colorado, November.

DOW, 1974, External Letter from M.A. Thompson, Environmental Sciences and Waste Control of DOW Chemical to B.W. Colston, Manager of RFAO, USAEC on March 19, 1974 regarding the Disposition of Water from Sanitary Landfill (Environmental Record Database, Image Volume 00002, Unique Control Number 00001031).

EG&G, 1994, Technical Memorandum No. 1, Addendum to Phase I RFI/RI Work Plan Field Sampling Plan Volume I, Part A Outside Tanks, OU 9 Original Process Waste Lines, Rocky Flats Plant, Golden, Colorado, May.

EG&G, 1995a, Geologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume I of the Sitewide Geoscience Characterization Study, Rocky Flats Plant, Golden, Colorado, March.

EG&G, 1995b, Hydrogeologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume II of the Sitewide Geoscience Characterization Study, Rocky Flats, Golden, Colorado, April.

EG&G 1995c, February 21, 1995 Letter to DOE regarding Reminder of Decision Not to Core Sample 207B South-SRK-026-95, Administrative Record # 1101-A-00007.

EG&G, 1995d, Groundwater Geochemistry Report for the Rocky Flats Environmental Technology Site, Volume III of the Sitewide Geoscience Characterization Study, Final Report January.

EPA, 1989, Letter to CDH; Mr. Gary Baughman regarding the transfer of liquids between the solar ponds, Administrative Record #A-OU04-000180, February 27.

EPA, 2000, AP-42: Compilation of Air Pollutant Emission Factors, Mobile Sources Volume II: Mobile Sources (AP-42), pending 5th edition, Office of Transportation and Air Quality, November 24.

ERM, 1996, OU 4 SEP, Phase II Ground Water Investigation, Final Field Program Report, Rocky Flats Plan, Golden, Colorado, February.



Kaiser-Hill, 1998, Control and Disposition of Incidental Waters, 1-C91-EPR-SW.01, Revision 2, Kaiser-Hill Company, L.L.C., Rocky Flats Environmental Technology Site, Golden, Colorado.

Kaiser-Hill, 2001, Actinide Migration Evaluation Advisory Group: January 8-9, 2001 Meeting Minutes.

Kaiser-Hill, 2002a, Well Abandonment and Replacement Program, Work Plan Addendum for the Solar Evaporation Ponds, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

Kaiser-Hill, 2002b, Fourth Quarter RFCA Groundwater Monitoring Report for Calendar Year 2001, Rocky Flats Environmental Technology Site, Golden, Colorado, May.

RMRS, 1995, Solar Evaporation Pond 207C Characterization Report for the Rocky Flats Environmental Technology Site, Rocky Flats Environmental Technology Site, Golden, Colorado, December.

RMRS, 1996, Management Plan for the ITS Water, Rocky Flats Environmental Technology Site, Golden, Colorado.

RMRS, 1997, SPP Remediation and ITS Water Treatment Study, Rocky Flats Environmental Technology Site, Golden, Colorado.

RMRS, 1999a, Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project, and Summary Report of RCRA Closure Activities for Unit 21 and Unit 48 in Building 788, Rocky Flats Environmental Technology Site, Golden, Colorado, September.

RMRS, 1999b, Nuclear Safety Technical Report, Safety Analysis for the Solar Ponds Plume Project, Rocky Flats Environmental Technology Site, Golden, Colorado, February.

RMRS, 1999c, Final Solar Ponds Plume Decision Document, Environmental Restoration, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

RMRS, 2000, RFETS Backlog Waste Reassessment Baseline Book, Waste Form 6 Pondcrete, May.

Rockwell 1988, Present Landfill Closure Plan, Rocky Flats Plant, Golden, Colorado, July.

ATTACHMENT I Data Adequacy Evaluation



TABLE OF CONTENTS

| 1.0 Power Calculation | |
|---|----|
| 2.0 Distributional Testing | 2 |
| 3.0 Geostatistical Spatial Analysis | 5 |
| 4.0 Impacts to Risk | 9 |
| 4.1 Hot Spot Removal | |
| 4.2 Comparison of UCLs | 10 |
| 4.3 Impact on Risk | |
| 5.0 Summary and Conclusions | |
| | |
| LICT OF FIGURE | |
| LIST OF FIGURES | |
| Figure 1. Surface Soil Rads | 3 |
| Figure 2. Surface Soil Non-Rads | |
| Figure 3. Subsurface Soil Rads | |
| Figure 4. Subsurface Soil Non-Rads | |
| Figure 5. Am-241 in Surface Soil | |
| Figure 6. Polygonal Kriging for Am-241 | |
| Figure 7. EPA Performance Curve | |
| | |
| LICT OF TABLES | |
| LIST OF TABLES | |
| Table 1. Summary of Distributional Testing | 3 |
| Table 2. Shapiro-Wilks Test Results | |
| Table 3. Confirmation Sample Results | |
| Table 4. Mean and UCLs Concentrations Before and After Hot Spot Remediation | |
| Table 5. Comparison of 95% UCLs by Statistical Method | |
| Table 6. Summary of Worker Risk by Assumption | |
| | |

DATA ADEQUACY EVALUATION

Attachment I presents an evaluation of data adequacy used to support and quantify risk calculations submitted for the Solar Ponds. The evaluation includes a lognormal power calculation, distributional testing, geostatistics, derivation and comparison of upper 95 % UCLs, and assessment of the impact that hot spot removal has on reported risk results. A spatial analysis and evaluation of the Bootstrap technique are also provided.

Data evaluation was focused on those contaminants that dominated risk. Receptor exposure to nonradiological noncarcinogens present in surface soils resulted in a relatively low hazard index of only 0.04 and was, therefore, not of concern. Exposure to nonradiological carcinogenic COCs resulted in a total risk associated with surface soils of 2.7E-07 and 2.9E-09 in subsurface soils for a total of 3E-07 risk to a wildlife refuge worker. Exposure to radiological carcinogenic radionuclides dominated risk with individual risks for surface soil (2E-06), liner (1E-07), and subsurface soils (3.9E-08) and a total risk of 2E-06. Total risk was primarily due to external exposure and ingestion pathways to surface soils. Total risk for surface soil was the only observed risk to exceed 1E-06. Accordingly, the data adequacy evaluation was focused on the radionuclides present in surface soils.

1.0 Power Calculation

A power calculation was performed for surface soil radionuclides using Sum of Ratios (SOR) data. Various distributional tests were used to demonstrate lognormality of the data. The Coefficient of Variation, Filliben, Geary, Skewness/Kutosis tests all confirmed lognormality at an alpha level of 0.05. Only the Studentized Range Test failed lognormality.

The Gilbert (1987) Equation 13.23 was then used to estimate the number of samples required at the 95% confidence level. A relative error of 10% was assumed for a 1-Tailed test. Results indicated that 66 samples would be required for radionuclides present in surface soil. The existing risk assessment used 69 to 72 samples to determine risk estimates for radionuclides. This calculation was performed to support a determination of sample adequacy and not to quantify risk based on a UCL of a median concentration.

2.0 Distributional Testing

DOE has performed both normality and lognormality checks for surface radionuclide, surface nonradionuclide, subsurface radionuclide, and subsurface nonradionuclide SOR data using EPA's Quality Assurance Management Staff's DataQuest statistical software. DataQuest is the companion software to the EPA's QA/G-9 guidance document on Data Quality Assessment and performs quantitative tests on data. This quantitative method is preferable to and compliments qualitative approaches such as histograms, probability plots, and quantile plots. Table 1 presents the results.



Table 1. Summary of Distributional Testing

| | Distribution Test (alpha = 0.05) | | | | | | | | | |
|-----------------------|----------------------------------|----------|-------|------|-------------------|------|----------|-------|------|------|
| Strata & COC Group | Normality Test | | | | Lognormality Test | | | | | |
| Group | CV | Filliben | Geary | S/K | S.R. | CV | Filliben | Geary | S/K | S.R. |
| Surface Rads | Fail | Fail | Fail | Fail | Fail | Pass | Pass | Pass | Pass | Fail |
| Surface Non-Rads | Fail | Fail | Fail | Fail | Fail | Pass | Fail | Fail | Fail | Pass |
| Subsurface Rads | Fail | Fail | Fail | Fail | Fail | Pass | Fail | Fail | Pass | Fail |
| Subsurface Non-Rads | Fail | Fail | Fail | Fail | Fail | Pass | Fail | Fail | Fail | Fail |

CV = Coefficient of Variation test

S/K = Skewness/Kurtosis test

S.R. - Studentized Range test

Table 1 indicates that the data are not normally distributed for any strata or COC group. In addition, most data were also not lognormally distributed. Surface radionuclides faired best, passing four of the five tests for lognormality using an alpha of 0.05. Based on this, DOE considers using lognormal statistics for the surface radionuclide data to be acceptable. However, the other three strata/COC groups failed multiple tests for normality and lognormality. Therefore, these data are neither normal nor lognormal at an alpha of 0.05 and require the use of non-parametric testing. Histograms for these Lntransformed data sets appear below in Figures 1 through 4. Figures were created using EPA's GeoEAS software.

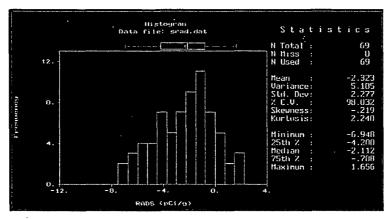


Figure 1. Surface Soil Rads

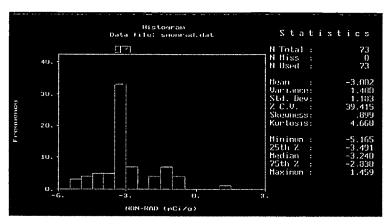


Figure 2. Surface Soil Non-Rads

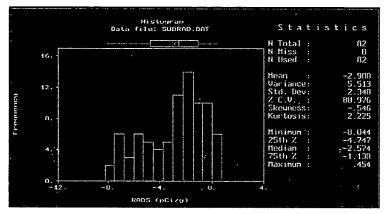


Figure 3. Subsurface Soil Rads

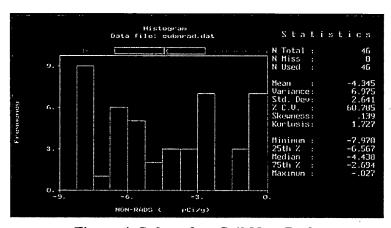


Figure 4. Subsurface Soil Non-Rads

EPA recommends using the Bootstrap approach to UCL calculation when data distributions are neither normal nor lognormal. The SEP Risk Assessment used the Bootstrap method to quantify UCLs. This position is stated in EPA technical paper "The Lognormal Distribution in Environmental Applications" by Singh, et al. (1997). Use of



the Bootstrap methodology is also supported in the User's Guide to EPA's PRO-UCL software released in April of 2002. The Bootstrap method is bounded by the minimum and maximum values observed in the data set. However, virtually all statistical tests are limited by this constraint. Use of lognormal statistics can create data values that are outside the bounds of those values actually observed.

In addition, use of lognormal statistics is limited when data have outliers, non-detects, small sample size, and the presence of multiple populations (EPA, 1997). A data set might appear lognormal due to these constraints and estimates assuming lognormality will overestimate the uncertainty term for concentration and therefore overestimate risk. Radiological data have negative concentrations and relatively large variances that can present technical difficulties in using lognormal statistics.

Distributional testing was also conducted for individual surface soil COCs. Data normality and lognormality were tested using the Shapiro-Wilks test on the raw data and Ln-transformed data. Results are presented in Table 2 and Attachment A. All individual COCs were not normally distributed. Am-241, Pu-239, and U-235 were lognormally distributed and all other surface soil COCs were neither normally nor lognormally distributed. Graphical results for each COC are shown in Attachment A.

| Radionuclide | Normality P(0.05) | Lognormality P(0.05) |
|--------------|----------------------|-------------------------|
| Cadmium | < 0.0001 | < 0.0001 |
| Chromium | < 0.0001 | < 0.0001 |
| Am-241 | < 0.0001 | 0.209 |
| Pu-239 | < 0.0001 | 0.201 |
| U-238 | < 0.0001 | < 0.0001 |
| U-235 | < 0.0001 | 0.04 |
| U-234 | <0.0001 | < 0.0001 |

Table 2. Shapiro-Wilks Test Results

3.0 Geostatistical Spatial Analysis

The distributional assumption of lognormality holds for the surface radiological data set. In fact, only Am-241, Pu-239, and U-235 were lognormally distributed. However, this does not solve the problem of how to calculate UCLs in the other data sets. An approach that could be used consistently for each type is desirable. DOE investigated the use of geostatistical methodologies to determine if they could provide such a consistent method. Variograms were run on COCs in the SEP area. Results indicated that good spatial correlation was observed, based on the variograms. The observed data started at the origin and then demonstrated a steady and continuous rise to the maximum sill. No "nugget" effects were apparent in the variogram data. This was true for both individual COCs (e.g. Am-241, Pu-239/240, Cd, etc.) and aggregated variables (SOR values). Resulting variances from the variograms were then used to conduct polygonal kriging. An example variogram for Am-241 is shown below in Figure 5. Variograms for all COCs in surface soils are shown in Attachment B. Polygonal kriging was also conducted



for all COCs and the observed mean (Vlu) and variance (Kv) were used to directly calculate UCLs assuming that kriging errors are normally distributed. Standard UCL calculations were performed using an estimate of the variance of the mean from polygonal kriging and t_{0.05, n-1} degrees of freedom. An example polygonal kriging map for Am-241 is shown in Figure 6. All other kriging maps for other COCs are shown in Attachment C.

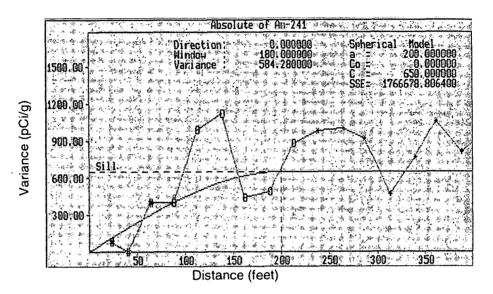


Figure 5. Am-241 in Surface Soil

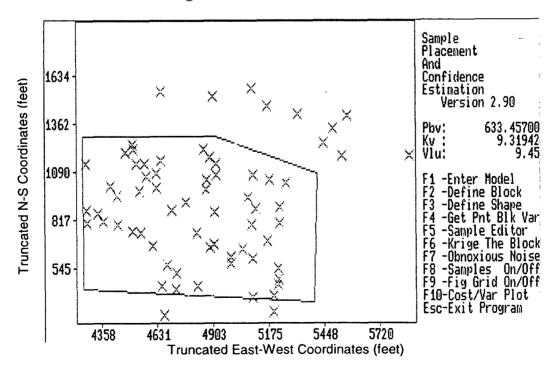


Figure 6. Polygonal Kriging for Am-241 Showing Sampling Locations and Resulting Statistics



Identification of spatial correlation in a data set immediately indicates that use of classical statistical methods for characterizing the 95% UCL for the arithmetic mean concentration should be avoided. Such classical methods include the Student's t-statistic for normal distributions and the Land H-statistic for lognormal distributions. These methodologies quantify uncertainty in the long-term concentration term without consideration of spatial variability present in data derived from environmental sampling (EPA 2001). These techniques assume that collected data are randomly and independently distributed. However, the SEP data indicate that there is a pattern of contamination resulting from release mechanisms and down-wind deposition. Therefore, autocorrelation between sample points is present at the site. Because the variogram shows that the SEP data are not independent, using classical statistics would violate basic fundamental assumptions for the tests, unless the correlations can be accounted for. Independent data would show a variogram pattern that starts up the y-axis near the sill maximum and randomly varies about the sill as a function of distance.

Geostatistical methods are specifically designed to incorporate the correlations found in the variogram analysis directly into statistical analysis and UCL calculations. In addition, the geostatistical estimation technique of kriging does not make any distributional assumptions about the data. This technique is also a "best" approach with minimum error and "declusters" data that are grouped in close spatial proximity to provide the most appropriate estimates of average concentrations within the entire area.

Based on the success of variogram analyses and the strong theoretical basis, kriging of the data in the surface soils in the SEP was conducted. Data were kriged using two different methods. The first method kriged the SEP data COC-by-COC using a polygonal kriging approach. Polygonal kriging estimates the average concentration within single non-rectangular polygonal shapes across the site using a type of "horizontal" approach. Using the kriging mean and kriging standard deviation, a 95% UCL was calculated for each COC using a standard formula for classical statistics. Each UCL was then divided by the corresponding action level for a target risk of 1E-05 to derive an SOR for the SEP. The sum of the Surface Rad SORs using polygonal kriging was 1.09. The 95% UCLs for individual COCs developed using polygonal kriging were higher than those calculated using the Student's t classical statistical approach.

The second approach aggregated SORs for COC concentrations at individual sample locations. Compared to the first method, this is a more "vertical" approach. These SOR values were then kriged across the SEP area using polygonal kriging. Results indicated a 95% UCL on the SOR of 0.98, slightly less than the UCL for the horizontal approach. The IASAP uses the more conservative "horizontal" approach.

Both results for the "horizontal" and "vertical" UCL calculations were derived using the same existing action levels as used in the SEP Risk Assessment. However, the existing action levels are based on an exposure scenario that includes indoor air exposure and continuous external gamma exposure for the wildlife refuge worker. If indoor air and continuous gamma exposure are corrected, observed UCLs are reduced by a factor of approximately 6. The sum of 95% UCLs/ALs would, therefore, be 1.09/6 = 0.18 and the

95% UCL associated with the aggregated SORs would be 0.98/6 = 0.16. Both resulting SOR 95% UCLs are well below the limit of 1.0.

To assess the removal of hot spots, the five highest concentrations were replaced with approximate background values. The data were then re-kriged using the same variograms and new 95% UCLs were recalculated. This approach represents a type of "virtual remediation" of the site to demonstrate risk reduction in a post-remediation scenario. Results of the horizontal kriging provided a 95% UCL of 0.66 for the SOR and a 95% UCL of 0.64 using the vertical approach. Correcting these UCL values for exposure assumptions discussed above results in a horizontal and vertical estimate of 0.11 for both approaches. The results, therefore, indicate that the SEP risk is well below concern at the 95% level of confidence, before hot spot removal. The resulting SOR 95% UCLs following hot spot removal are approximately equivalent to a 1E-06 risk.

The results indicate that kriging is the most conservative of all the approaches to calculating UCLs, with the exception of lognormal UCLs for Pu239 and Am-241. Kriging is also, by far the most defensible from a theoretical standpoint. Of the two variations on kriging, the horizontal approach (COC-by-COC and corresponding to risk) is the most conservative method. The vertical method, however, provides an excellent surrogate estimate of total risk and can be used for screening and remediation purposes. The horizontal and vertical kriging techniques described are also robust approaches. The testing characteristics identified will remain even if Action Levels or if a combination of Action Levels is applied to SOR calculations.

In terms of data sufficiency, the fact that data are spaced closely enough to observe spatial correlations on a consistent basis indicates that enough data have already been collected to calculate valid mean and UCL estimates. Using a statistical method (Gilbert 1987) and a lognormal distribution for surface soil SOR data, approximately 66 samples would be required as previously discussed (Section 1.0). Using DOE's Visual Sample Plan software to calculate the number of samples by means of EPA's decision performance goal diagram (DPGD), a total of seven samples is required following removal of the five highest concentrations present in hot spots (Figure 7). The DPGD assumes normal data, so the number of samples recommended (7) must be considered low (alpha = 0.05, beta = 0.05). However, approximately 70 samples currently exist in the SEP surface soil data set. Even accounting for low bias in the DPGD calculation, an order of magnitude should conservatively adjust for the assumption of normality.



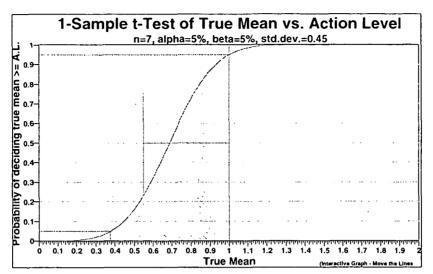


Figure 7. EPA Performance Curve

4.0 Impacts to Risk

The resulting impact of removing identified hot spots and use of alternative statistical methods to derive UCLs are discussed in this Section.

4.1 Hot Spot Removal

The following confirmation sample results were reported as gamma-spec measurements for Am-241, U-238, and U-235 at hot spot locations. Five samples were collected at each hot spot location on a one-meter quadrant. Results are reported as the arithmetic means for each location and radionuclide in Table 3 as follows:

| Location | Sample # | Am-241 | U-235 | U-238 |
|----------|-----------|--------|-------|-------|
| SS400693 | CJ46-DR02 | 0.0 | 0.16 | 2.4 |
| SS400593 | CK46-DR01 | 1.6 | 0.3 | 7.4 |
| 43793 | CK46-DR02 | 25.4 | 0.22 | 4.4 |
| SS402893 | CK48-DR01 | 5.3 | 80.0 | 3.5 |
| SS403093 | CK48-DR02 | 0.22 | 0.87 | 2.8 |

Table 3. Confirmation Sample Results

To assess residual risk following removal of hot spots, the above average concentrations were used to replace original hot spot concentrations. The 95 percent upper confidence limits (95 UCL) of the mean concentrations were then recalculated for use as exposure point concentrations. Table 4 below shows the pre- and post-removal means and 95 UCLs as determined by the Bootstrap method.



Table 4. Mean and UCLs Concentrations Before and After Hot Spot Remediation

| Dadianualida | Pre-removal | | Post | -removal |
|---------------|-------------|---------|-------|----------|
| Radionuclide | Mean | 95% UCL | Mean | 95% UCL |
| Americium-241 | 9.11 | 14.7 | 3.08 | 5.06 |
| Uranium-235 | 0.186 | 0.289 | 0.144 | 0.217 |
| Uranium-238 | 2.73 | 3.77 | 2.23 | 3.31 |

The removal reduced the mean and 95 UCL of Am-241 by a factor of almost three. The two uranium isotopes were less affected. The total radiological risk was reduced from 2E-06 before the removals to 1E-06 after the removals.

4.1 Comparison of UCLs

Table 5 compares UCLs derived from various statistical methods. UCLs computed by Bootstrap and Geostatistics were consistently higher than UCLs derived from normal t-statistical methods. These two methods therefore do not underestimate the UCL for the SEP surface soil data. The Bootstrap method was used to calculate UCLs for the SEP Risk Assessment.

However, lognormal statistics using Land H produced UCLs for Am-241 and Pu-239 that were more then twice all other UCL estimates. At the same time, lognormal statistics produced a UCL estimate for U-235 that was even below the t-statistic estimate. Lognormal statistics therefore produced UCL estimates that were inconsistent and outside the range of all other estimates. EPA has discussed this problem in a Technical Document (EPA 1997)

Table 5. Comparison of 95% UCLs by Statistical Method

| сос | Normal t-Statistics | Lognormal Land(H) | Geostatistics | Bootstrap |
|----------|---------------------|----------------------|---------------|-----------|
| Cadmium | 32.8 | na | 35.3 | 38.1 |
| Chromium | 23.8 | na | 25.1 | 24.8 |
| Am-241 | 13.4 | 34.2 | 14.5 | 14.7 |
| Pu-239 | 5.47 | 16.5 | 6.40 | 6.06 |
| U-238 | 3.46 | na | 3.55 | 3.77 |
| U-235 | 0.24 | 0.21 | 0.25 | 0.29 |
| U-234 | 5.70 | na | 6.38 | 6.53 |

na = Not applicable, distribution not lognormal at the 0.05 level.

4.2 Impact on Risk

The impact of using lognormal, bootstrap, and geostatistics on risk estimates is discussed in this section. In addition, the impact on total risk following hot spot removal is also addressed. Table 6 shows the existing risk estimates compared to those derived from different statistical assumptions and hot spot removal. Surface soil risk dominates the estimates of total risk. Use of lognormal statistics increases the estimate of total risk by a

factor of two. Risk estimates using Bootstrap (existing risk) and geostatistics are consistent for total risk and for individual COCs. Hot spot removal decreases total risk by a factor of two as expected.

Table 6. Summary of Worker Risk by Assumption

| Worker Carcinogenic Total Risk | | | | | | |
|--------------------------------|---------------|-------------------|----------------------|---------------------|--|--|
| | | Radiological | | | | |
| Medium | Existing Risk | Lognormal UCLs | Geostistical UCLs | Hot Spot Removal | | |
| Surface Soil | 2.0E-06 | 4.2E-06 | 2.1E-06 | 1.2E-06 | | |
| Total Risk | 2E-06 | 4E-06 | 2E-06 | 1E-06 | | |

5.0 Summary and Conclusions

- ♦ Statistical and spatial analyses both indicate that sampling at the SEPs is adequate, especially in view of the low estimated risk observed.
- Surface Soil Radionuclides dominate total risk to the worker.
- Radionuclides have both lognormal and non-parametric distributions.
- Metal COCs have non-parametric distributions.
- Lognormal power calculation for surface radionuclides (Am-241, Pu-239, U-235) is valid and indicates that 66 samples are required vs 69 already collected.
- UCLs derived from Bootstrap and Geostatistics are comparable and consistently greater than UCLs from statistics assuming a normal distribution.
- UCLs derived from lognormal statistics were inconsistent. Many were higher than all other calculation methods, but one was lower than UCLs derived from normal distributions for U-235.
- Geostatistics and Bootstrap methodologies are both technically sound, have no distributional assumptions, and adequately support risk quantification.
- Geostatistical methodologies address environmental data with spatial correlation such as the data present at the SEPs.
- Use of lognormal statistics increases risk by a factor of two and has the potential to quantify risk based on UCLs outside the range of observed concentrations.
- Hot Spot removal decreases risk by a factor of approximately two.
- Non-parametric statistical testing should be conducted for environmental data to incorporate observed spatial information and ensure that the best estimates of uncertainty for the concentration term are determined.
- SORs should be assessed on a point-by-point screening basis to guide remediation. If exceedances are observed above 1.0, then UCLs for individual COCs should be determined to calculate risk for the aggregated data.

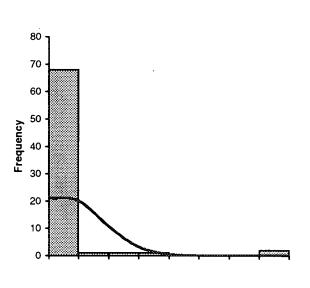
Test | Continuous summary descriptives

Surface Soil Background Camparison Location - SSCd

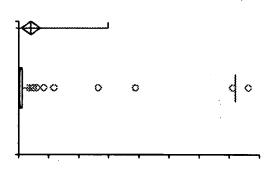
Performed by

Date

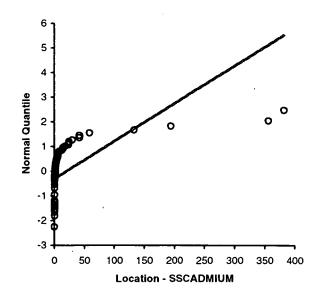
10 October 2002



| n | 73 |
|----------|---------------|
| Mean | 20.19 |
| 95% CI | 4.90 to 35.48 |
| Variance | 4292.596 |
| SD | 65.518 |
| SE | 7.668 |
| CV | 324% |



| Median 96.6% CI | 1.70 0.75 to 2.50 |
|--------------------|----------------------|
| Range IQR | 381.9 5.5 |
| Percentile | |
| 2.5th | 0.14 |
| 25th | 0.60 |
| 50th | 1.70 |
| 75th | 6.10 |
| 97.5th | 359.90 |



| | Coefficient | р |
|--------------|-------------|---------|
| Shapiro-Wilk | 0.3246 | <0.0001 |
| Skewness | 4.6522 | <0.0001 |
| Kurtosis | 22.2165 | <0.0001 |

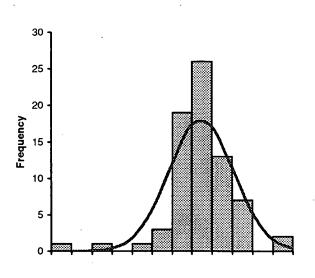
Attachment A Test | Continuous summary descriptives

Surface Soil Background Camparison Location - SSLnCd

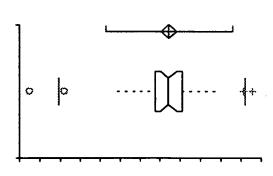
Performed by

Date

10 October 2002



| n | 73 |
|----------|--------------|
| Mean | 2.72 |
| 95% CI | 2.53 to 2.91 |
| Variance | 0.650 |
| SD | 0.806 |
| SE | 0.094 |
| CV | 30% |



| Median 96.6% CI | 2.71 2.52 to 2.92 |
|--------------------|----------------------|
| Range IQR | 5.5 0.7 |
| Percentile | |
| 2.5th | -0.03 |
| 25th | 2.38 |
| 50th | 2.71 |
| 75th | 3.05 |
| 97.5th | 4.60 |
| | |

| 3 - | 1 | | | | | | | | | | _ | |
|-----------------|-------------|---|-----|-----|-------------------|--------|--------------|-----|-----|---|-----|---|
| 2 · | | | | | | | | | ı | 8 | B | , |
| 1 - | | | | | | | | 4 | CO. | • | | |
| Normal Quantile | | | | | | | | | | | | |
| ਰ ਵ -1 . | | | | | A | O | Ţ | | | | | |
| Nora | | 0 | | | 16 ⁽²⁾ | , - | | | | | | |
| -3 - | ľ | | | | | | | | | | | |
| -4 - | / | | | | | | | | | | | |
| -5 - | | | ٠,٠ | | | _ | _ | _ | | _ | | _ |
| • | ·1 -0. 5 | 0 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | | | | Loc | atio | n - \$ | SSIo | gCd | ı | | | |

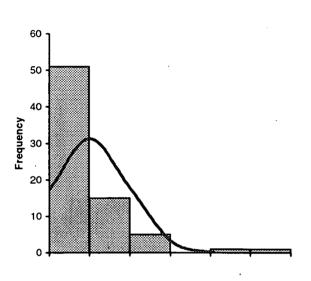
| | Coefficient | р | | |
|--------------|-------------|---------|--|--|
| Shapiro-Wilk | 0.8891 | <0.0001 | | |
| Skewness | -1.1201 | 0.0004 | | |
| Kurtosis | 5.5105 | <0.0001 | | |

Test Continuous summary descriptives
Surface Soil Background Camparison Location - SSCr

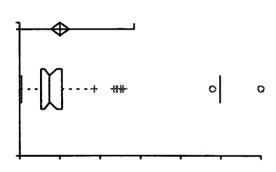
Performed by

Date

10 October 2002



| n | 73 |
|----------|----------------|
| Mean | 20.22 |
| 95% CI | 15.87 to 24.56 |
| Variance | 347.141 |
| SD | 18.632 |
| SE | 2.181 |
| CV | 92% |



| Median 96.6% CI | 15.00 12.40 to 18.60 |
|--------------------|-------------------------|
| Range IQR | 119.5 10.4 |
| Percentile | |
| 2.5th | 1.01 |
| . 25th | 10.80 |
| 50th | 15.00 |
| 75th | 21.20 |
| 97.5th | 99.69 |

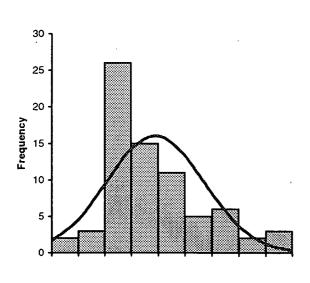
| Normal Quantile | P | 00 A | 8 | | 0 | • |
|-----------------|----|----------------|----------------|--------------|------------------|-----|
| -2 9 | 20 | 40 _ocation | 60 1 - SSCH | 80 ROMIUI | 100 VI | 120 |

| | Coefficient | р |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.6535 | <0.0001 |
| Skewness | 3.3328 | < 0.0001 |
| Kurtosis | 13.9914 | <0.0001 |

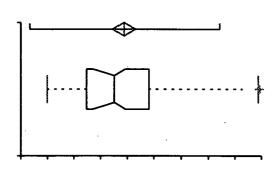
Surface Soil Background Camparison Location - SSLnCd

Performed by

Date



| n | 73 |
|----------|--------------|
| Mean | 0.88 |
| 95% CI | 0.46 to 1.30 |
| Variance | 3.280 |
| SD | 1.811 |
| SE | 0.212 |
| CV | 206% |
| | |



| Median 96.6% CI | 0.53 -0.29 to 0.92 |
|--------------------|-----------------------|
| Range IQR | 7.9 2.3 |
| Percentile | |
| 2.5th | -2.00 |
| 25th | -0.51 |
| | |
| 50th | 0.53 |
| 50th 75th | 0.53 1.81 |

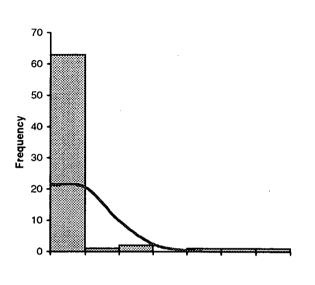
| Normal Quantile | | | | Soot | | S | 60 | <i>,</i> 。 | 00 |
|-----------------|------|----|---|------|------------|------------|----|------------|----|
| -2 -3 -3 | 0 -2 | -1 | 0 | 1 | 2 Sslog | 3 1 mCd | 4 | 5 | 6 |

| | Coefficient | р |
|--------------|-------------|---------|
| Shapiro-Wilk | 0.9095 | <0.0001 |
| Skewness | 1.0095 | 0.0011 |
| Kurtosis | 0.5367 | 0.2887 |

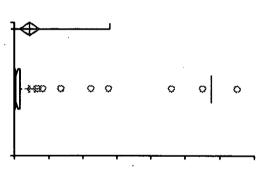
Surface Soil Background Comparison Location - SSAm-241

Performed by

Date



| n [| 69 |
|----------|-----------------|
| Mean | 8.686 |
| 95% CI | 2.922 to 14.451 |
| Variance | 575.7449 |
| SD | 23.9947 |
| SE | 2.8886 |
| CV | 276% |



| Median 97.1% CI | 0.832 0.340 to 2.000 |
|--------------------|-------------------------|
| Range IQR | 129.98859 3.049 |
| Percentile | |
| 2.5th | 0.019 |
| 25th | 0.151 |
| 50th | 0.832 |
| 30(1) | 0.632 |
| 75th | 3.200 |

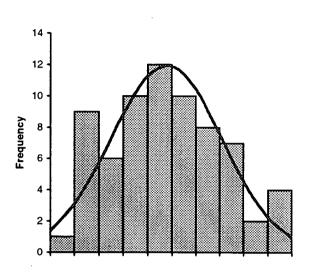
| 6 7 5 - 4 - 3 - 2 - 1 - 2 - 2 - 2 - 3 | 1 000 | °)** | 6 | | 。 ' | , ° | , |
|---------------------------------------|--------------|-------|-----------|------|--------|-----|-----|
| -2 8 -3 4 | • | • | • | | | | |
| 0 | 20 | | 60 | 80 | 100 | 120 | 140 |
| | | Loca | ation - S | SAME | RICIUM | | |

| | Coefficient | р |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.3973 | <0.0001 |
| Skewness | 3.8692 | <0.0001 |
| Kurtosis | 15.1189 | < 0.0001 |

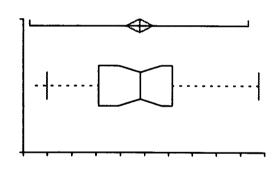
Surface Soil Background Comparison Location - SSLnAm-241

Performed by

Date



| n | 69 |
|------------|-----------------|
| Mean | -0.211 |
| 95% CI | -0.765 to 0.343 |
| Variance | 5.3247 |
| SD | 2.3075 |
| SE | 0.2778 |
| CV | -1093% |



| Median 97.1% CI | -0.184 -1.079 to 0.693 |
|--------------------|----------------------------|
| Range IQR | 9.340799566 3.053626252 |
| Percentile | |
| 2.5th | -4.016 |
| 25th | -1.890 |
| 50th | -0.184 |
| 75th | 1.163 |
| 97.5th | 4.742 |

| Normal Quantile | | | | ar d | | | Jo | g C | \$" | ් ර් |
|-----------------|----|----|----------|-------------|-------------|-----------|-----------|-----|-----|---------|
| -2 - -3 -5 | -4 | -3 | -2 Lo | -1 | 0 on - s | 1 sloq | | 3 | 4 | 5 |

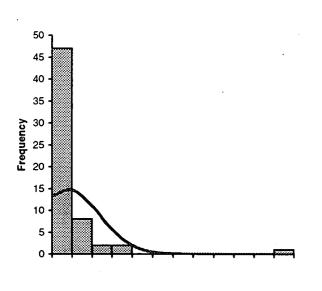
| | Coefficient | p |
|--------------|-------------|--------|
| Shapiro-Wilk | 0.9761 | 0.2088 |
| Skewness | 0.2633 | 0.3476 |
| Kurtosis | -0.6232 | 0.1786 |

Surface Soil Background Comparison Location - SSPu-239

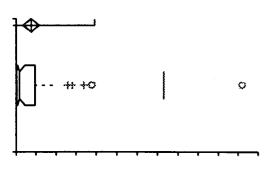
Performed by

Date

10 October 2002



| n j | 60 |
|----------------|-------------------------|
| Mean 95% CI | 3.758 1.674 to 5.841 |
| Variance | 65.0746 |
| SD | 8.0669 |
| SE | 1.0414 |
| CV | 215% |
| | |
| | |



| Median | 0.821 |
|------------|----------------|
| 97.3% CI | 0.337 to 2.170 |
| | |
| Range | 55.9871 |
| IQR | . 4.6318 |
| | |
| Percentile | |
| 2.5th | 0.015 |
| 25th | 0.181 |
| 50th | 0.821 |
| 75th | 4.813 |
| 97.5th | 36.575 |
| | |

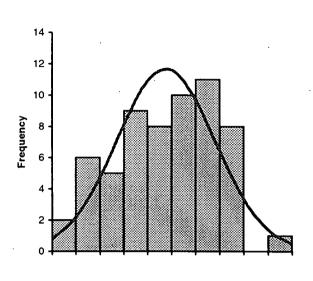
| Normal Quantile | 7 - 6 - 5 - 4 - 3 - 2 - 1 - 2 - 3 | | | 9,8 | / | / | / | / | | • | |
|-----------------|-----------------------------------|---|----|-----|------------|---|---|---|----|----|----------------|
| | -3 0 | 5 | 10 | | 25 on - | | | | 50 | 55 | - 60 |

| | Coefficient | р |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.4655 | <0.0001 |
| Skewness | 4.9851 | < 0.0001 |
| Kurtosis | 30.3323 | <0.0001 |

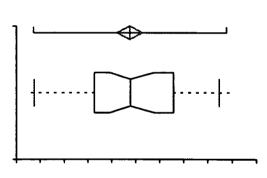
Test | Continuous summary descriptives | Surface Soil Background Comparison SSLnPu-239

Performed by

Date



| n [| 60 |
|----------|-----------------|
| Mean | -0.251 |
| 95% CI | -0.781 to 0.279 |
| Variance | 4.2098 |
| SD | 2.0518 |
| SE | 0.2649 |
| CV | -819% |



| Median 97.3% CI | -0.222 -1.088 to 0.775 |
|--------------------|---------------------------|
| Range IQR | 8.375879658 3.28393601 |
| Percentile | |
| 2.5th | -4.238 |
| 25th | -1.713 |
| 50th | -0.222 |
| 75th | 1.571 |
| 97.5th | 3.458 |
| | |

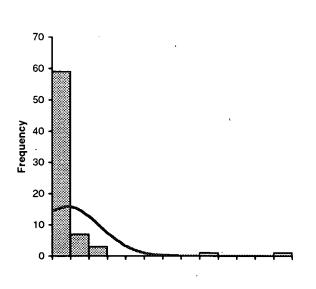
| Normal Quantile | 2 - 1 1 2 2 2 | | 2 | S. S | | 1 | | | 8 | 0 | |
|-----------------|---------------|----|----------|--|--------|-------------|----------|---|---|---|---|
| | -3 -5 | -4 | -3 | -2 | -1 | 0 on - s | 1 | 2 | 3 | 4 | 5 |
| | | | | | - Juli | J., - 3 | . | ρ | | | |

| | Coefficient | р |
|--------------|-------------|--------|
| Shapiro-Wilk | 0.9729 | 0.2014 |
| Skewness | -0.1838 | 0.5358 |
| Kurtosis | -0.8308 | 0.0504 |

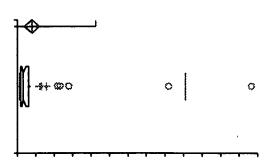
Surface Soil Background Comparison Location - SSU-234

Performed by

Date



| n | 71 |
|----------------|----------------|
| Mean 95% CI | , 3.971 |
| 95% CI | 1.871 to 6.071 |
| Variance | 78.7111 |
| SD | 8.8719 |
| SE | 1.0529 |
| cv | 223% |
| | |



| Median 96.8% CI | 1.520 1.200 to 2.300 |
|--------------------|-------------------------|
| 90.0 % CI | 1.200 to 2.300 |
| Range | 62.89 |
| IQR | 2.0425 |
| | - |
| Percentile | |
| 2.5th | 0.622 |
| 25th | 0.990 |
| 50th | 1.520 |
| 75th | 3.033 |
| 97.5th | 45.480 |
| | |

| Normal Quantile | 7 6 5 4 3 2 1 | | 06 | 0 | / | | | 0 | / | | | • |
|-----------------|---------------------------------|---|----|---|---|----|--|---|---|----|----|----------|
| | -2 3 0 | 5 | 10 | | | 25 | | | | 55 | 60 | ¬ |

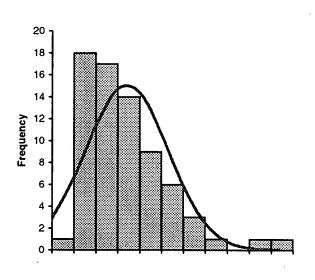
| | Coefficient | . p |
|--------------|-------------|------------|
| Shapiro-Wilk | 0.3468 | <0.0001 |
| Skewness | 5.5060 | <0.0001 |
| Kurtosis | 32.9764 | <0.0001 |

Surface Soil Background Comparison Location - SSLnU-234

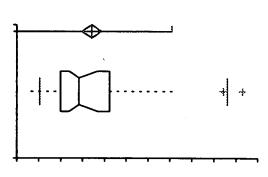
Performed by

Date

10 October 2002



| n | 71 |
|----------|----------------|
| Mean | 0.702 |
| 95% CI | 0.480 to 0.925 |
| Variance | 0.8820 |
| SD | 0.9391 |
| SÉ | 0.1115 |
| CV | 134% |



| Wedian | 0.419 |
|----------|----------------|
| 96.8% CI | 0.182 to 0.833 |
| Range | 4.822808415 |
| IQR | 1.118482232 |

| Normal Quantile | 3 - 2 - | | | | | a de la companya de l | | k ^o | | / | C | • |
|-----------------|---------|--------|---|-----|---|--|---|----------------|---|-----|---|-----|
| ormal G | 0 - | | Á | | | 7 | | | | | | |
| Z | -1 | / | | | | | | | | | | |
| | -2 | 8 | ı | | | | | | | | | |
| | -3 | I -0.5 | 0 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 |
| | | | • | | | ation | | | | 0.0 | 7 | 7.5 |

| -0.479 |
|--------|
| -0.010 |
| 0.419 |
| 1.108 |
| 3.801 |
| |
| |

Percentile

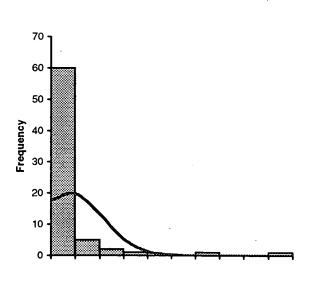
| | Coefficient | р |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.8903 | <0.0001 |
| Skewness | 1.4062 | < 0.0001 |
| Kurtosis | 2.5370 | 0.0056 |



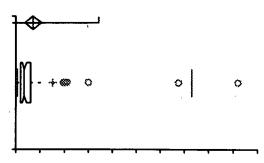
Surface Soil Background Comparison Location - SSU-235

Performed by

Date



| n j | 70 |
|------------|----------------|
| Mean | 0.180 |
| 95% CI | 0.098 to 0.262 |
| Variance | 0.1189 |
| SD | 0.3448 |
| SE | 0.0412 |
| CV | 191% |
| | |



| Median 95.9% CI | 0.086 0.065 to 0.115 |
|--------------------|-------------------------|
| Range IQR | 2.29 0.11 |
| Percentile | |
| 2.5th | 0.016 |
| 25th | 0.049 |
| 50th | 0.086 |
| 75th | 0.155 |
| 97.5th | 1.826 |

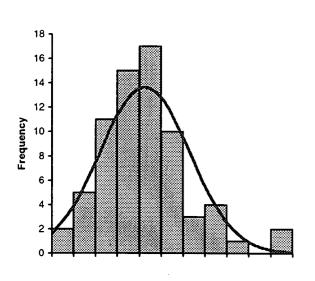
| | 7 6 5 | | |
|-----------------|-----------------|---------------------------------------|------------|
| σ. | 4 | | |
| ıantile | 3 - | | 0 |
| ğ | 2 - | | O |
| Normal Quantile | 1 - | | |
| | -1 - | | |
| | -2 0 | | |
| | -3 | · · · · · · · · · · · · · · · · · · · | |
| | 0 | 0.25 0.5 0.75 1 1.25 1.5 1.75 | 2 2.25 2.5 |
| | | Location - SSURANIUM23 | 5 |

| | Coefficient | р |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.4232 | <0.0001 |
| Skewness | 4.7952 | < 0.0001 |
| Kurtosis | 25.4288 | <0.0001 |

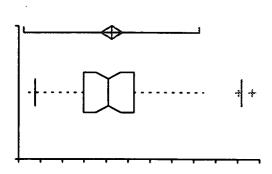
Surface Soil Background Comparison Location - SSLnU-235

Performed by

Date



| n | 70 |
|----------|------------------|
| Mean | -2.378 |
| 95% CI | -2.622 to -2.134 |
| Variance | 1.0436 |
| SD | 1.0216 |
| SE | 0.1221 |
| CV | -43% |



| Median 95.9% CI | -2.453 -2.733 to -2.167 |
|--------------------|----------------------------|
| Range IQR | 5.10 1.15 |
| Percentile | |
| 2.5th | -4.118 |
| 25th | -3.011 |
| 50th | -2.453 |
| 75th | -1.863 |
| 97.5th | 0.594 |

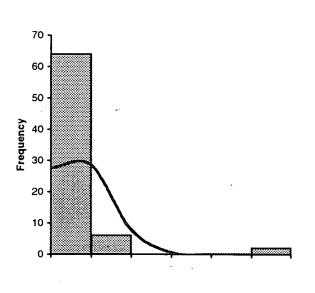
| Normal Quantile | 4 3 2 1 0 1 2 0 |
|-----------------|--|
| | -4.5 -4 -3.5 -3 -2.5 -2 -1.5 -1 -0.5 0 0.5 1 |
| | Location - sslogU235 |

| | Coefficient | р |
|--------------|-------------|--------|
| Shapiro-Wilk | 0.9637 | 0.0402 |
| Skewness | 0.7424 | 0.0130 |
| Kurtosis | 1.0472 | 0.1017 |

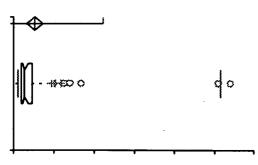
Surface Soil Background Comparison Location - SSU-238

Performed by

Date



| 72 |
|-------------------------------------|
| 2.620 1.603 to 3.637 |
| 18.7197 4.3266 0.5099 165% |
| |



| 1.300 1.135 to 1.797 |
|-------------------------|
| 26.69 1.3254 |
| |
| 0.558 |
| 0.975 |
| 1.300 |
| |
| 2.300 |
| |

| • | 0 - 1 - 2 - 0 0 | TO STATE OF THE ST | °/ | | | .° | |
|---|-----------------------|--|---------|----|----|----|----|
| • | з I — О | 5 | 10 | 15 | 20 | 25 | 30 |
| | v | | ocation | | | | 30 |
| | | | | | | | |

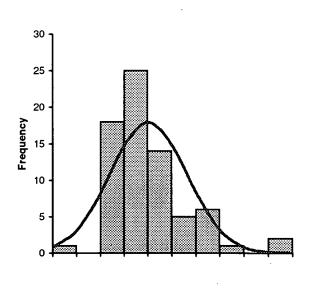
| | Coefficient | p |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.4153 | <0.0001 |
| Skewness | 4.7650 | < 0.0001 |
| Kurtosis | 24.3411 | <0.0001 |

Surface Soil Background Comparison Location - SSLnU-238

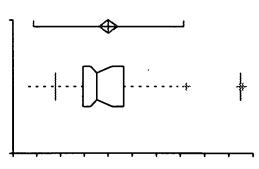
Performed by

Date

10 October 2002



| 72 |
|------------------------------------|
| 0.504 0.315 to 0.692 |
| 0.6431 0.8019 0.0945 159% |
| |



| Median | 0.262 |
|------------|----------------|
| 95.6% CI | 0.127 to 0.586 |
| Range | 4.467019848 |
| IQR | 0.858642987 |
| Percentile | <u> </u> |

-0.613

-0.026

0.262

0.833

3.248

2.5th

25th

50th

75th

97.5th

| | 3 | | | | | | | | / | | , |
|-----------------|------|-------|------|---|-----------------------|------------|--------------|---------------|-----|---|-----|
| ø | 2 | | | | | | | 6 | | • | 0 |
| Normal Quantile | 1 | | | | 4 | | poor | y | | | |
| ormal | 0 | | | Á | | | | | | | |
| z | -1 - | | A | | | | | | | | |
| | -2 | / | | | | | | | | | |
| | -3 | | | | | • | | | - | - | _ |
| | -1 | .5 -1 | -0.5 | 0 | 0.5 L ocati | 1 ion - | 1.5 Sslog | 2 3 | 2.5 | 3 | 3.5 |

| | Coefficient | р |
|--------------|-------------|----------|
| Shapiro-Wilk | 0.9005 | <0.0001 |
| Skewness | 1.3269 | < 0.0001 |
| Kurtosis | 2.5691 | 0.0051 |



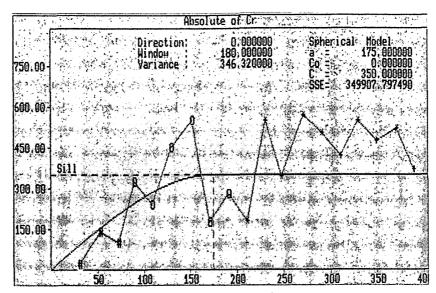


Figure B-1. Chromium in Surface Soils

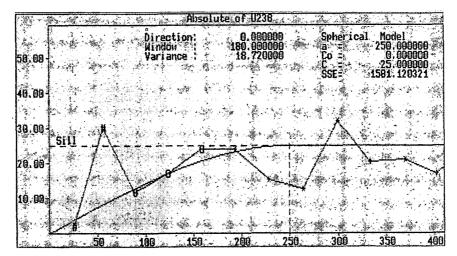


Figure B-2. U-238 in Surface Soils

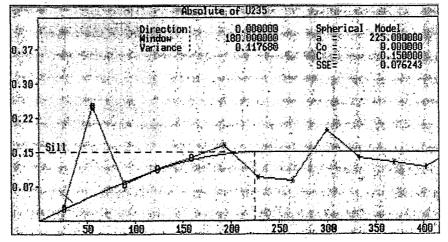


Figure B-3. U-235 in Surface Soils

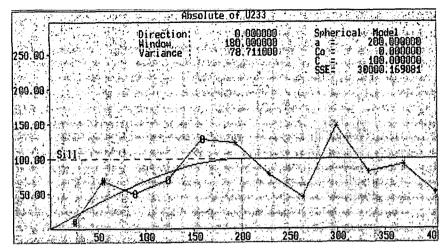


Figure B-4. U-234 in Surface Soils

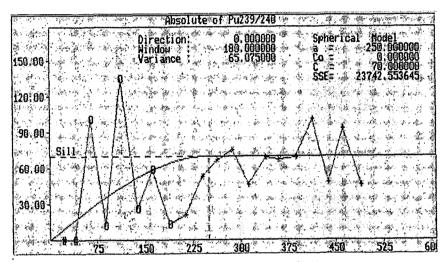


Figure B-5. Pu-239 in Surface Soil

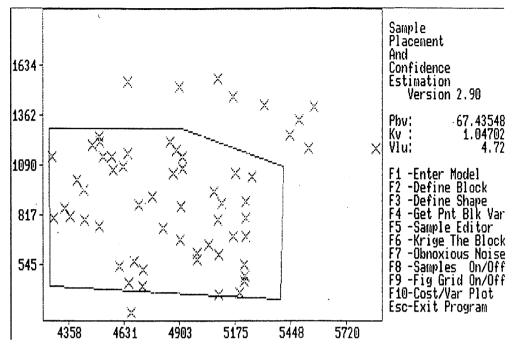


Figure C-1. Polygonal Kriging for Pu-239

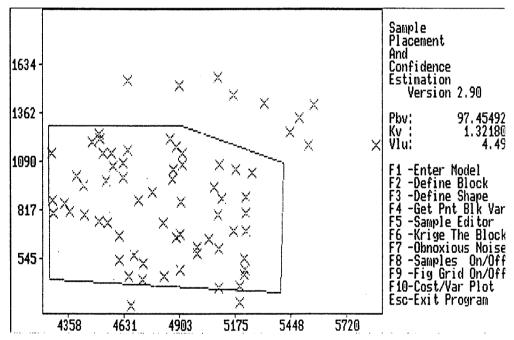


Figure C-2. Polygonal Kriging for U233/234

1

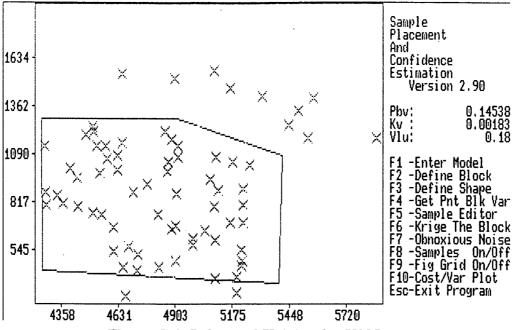


Figure C-3. Polygonal Kriging for U235

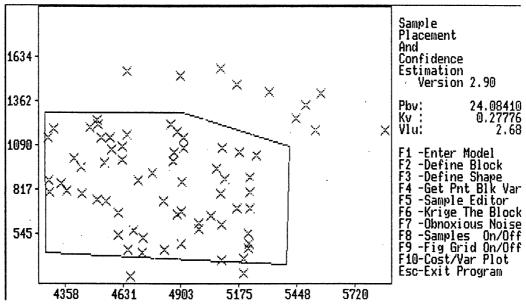


Figure C-4. Polygonal Kriging for U238

DRAFT FINAL HUMAN HEALTH RISK ASSESSMENT FOR THE SOLAR EVAPORATION PONDS

U.S. DEPARTMENT OF ENERGY
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
GOLDEN, COLORADO

Environmental Restoration

Kaiser-Hill Company, L.L.C.

December 2002

TABLE OF CONTENTS

| Section | <u>ion</u> | Page |
|---------|--|------|
| 1.0 | INTRODUCTION AND PURPOSE | 1 |
| 1.1 | SITE DESCRIPTION | 2 |
| 1.2 | REPORT ORGANIZATION | 2 |
| 2.0 | SELECTION OF CONTAMINANTS OF CONCERN | 5 |
| 2.1 | ANALYTICAL DATA ASSESSMENT | 5 |
| 2.2 | SEGREGATION OF SAMPLES BY MEDIA | 13 |
| 2.3 | SELECTION OF CONTAMINANTS OF CONCERN | 17 |
| 3.0 | EXPOSURE ASSESSMENT | 38 |
| 3.1 | FUTURE ON-SITE LAND USE | 38 |
| 3.2 | EXPOSURE PATHWAYS AND RECEPTORS | 38 |
| 3.3 | EXPOSURE SCENARIOS | 42 |
| 3.4 | EXPOSURE POINT CONCENTRATIONS | 45 |
| 3.5 | INTAKE CALCULATIONS | 48 |
| 4.0 | TOXICITY ASSESSMENT | 51 |
| 4.1 | DERMAL EXPOSURE TO CHEMICALS | 52 |
| 5.0 | RISK CHARACTERIZATION AND UNCERTAINTY ANALYSIS | 54 |
| 5.1 | NONCARCINOGENIC HEALTH EFFECTS | 54 |
| 5.2 | CARCINOGENIC RISK | 55 |
| 5.3 | SEP AOC | 56 |
| 5.4 | UNCERTAINTIES AND LIMITATIONS | 58 |
| 6.0 | SUMMARY AND CONCLUSIONS | 66 |
| 7.0 | REFERENCES | 67 |

LIST OF TABLES

| Table 2.1 OU-4 Risk Assessment Data Set, Summary of Validated Records in the RFETS SWD | 7 |
|--|----|
| Table 2.2a Power Calculations for Liner PCOCs. | 12 |
| Table 2.2b Power Calculations for Surface Soil PCOCs. | 12 |
| Table 2.2c Power Calculations for Subsurface Soil PCOCs. | 13 |
| Table 2.3 Comparison of intakes and daily allowances for essential elements without toxicity values ¹ | 18 |
| Table 2.4 PRG Screen for Surface Soil | 21 |
| Table 2.5 PRG Screen for Liner Materials | 21 |
| Table 2.6 PRG Screen for Subsurface Soil Above 6 feet | 22 |
| Table 2.7 PRG Screen for Subsurface Soil Below 6 feet | 22 |
| Table 2.8 Summary of Distribution Testing for Liner PCOCs | 24 |
| Table 2.9 Summary of Distribution Testing for Background Surface Soil PCOCs | 25 |
| Table 2.10 Summary of Distribution Testing for Surface PCOCs | 25 |
| Table 2.11 Summary of Distribution Testing for Background Surface Soil PCOCs | 26 |
| Table 2.12 Summary of Distribution Testing for Subsurface PCOCs | 27 |
| Table 2.13 Summary of Distribution Testing for Background Subsurface Soil PCOCs ¹ | 27 |
| Table 2.14 Summary of Statistical Comparison of Sep and Background Data | 30 |
| Table 2.15 Solar Evaporation Ponds AOC Analytes in Liner Material With No PRG in ALF | 33 |
| Table 2.16 Solar Evaporation Ponds AOC Analytes in Surface Soils With No PRG in ALF. | 34 |
| Table 2.17 Solar Evaporation Ponds Subsurface Analytes With No PRG in ALF | 35 |
| Table 2.18 COC for Surface Soil | 36 |
| Table 2.19 COC Liner Material | 37 |
| Table 2.20 COC for Subsurface Soil | 37 |

| Table 3.1 | Surface Soil Exposure Factors for the Wildlife Refuge Worker | 43 |
|-----------|---|----|
| Table 3.2 | Subsurface Soil Exposure Factors for the Wildlife Refuge Worker | 43 |
| Table 3.3 | Exposure Point Concentrations for Solar Evaporation Ponds Human Health Risk Assessment ¹ . | 47 |
| Table 3.4 | Intake equations for the WRW | 49 |
| Table 3.5 | Intakes for the Wildlife Refuge Worker from Surface Soil and Liner Material at the SEPs | 50 |
| Table 3.6 | Intakes for Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material at Solar Ponds | 50 |
| Table 4.1 | Toxicity Factors | 53 |
| Table 5.1 | Hazard Indices for Wildlife Refuge Worker Receptors | 56 |
| Table 5.2 | HQs and HIs by COC, Media, and Pathway | 57 |
| Table 5.3 | Summary of WRW Carcinogenic Risks for the Solar Ponds AOC | 58 |
| Table 5.4 | Summary of WRW Carcinogenic Risks by COC, Media and Pathway | 59 |
| Table 5.5 | Comparison of 95% UCLs in Surface Soils by Statistical Method | 61 |
| Table 5.6 | Effect of Using Different Mass Loading Factors on Inhalation Risk | 63 |
| Table 5.7 | Effects of the AUF and the Gamma-shielding Factor (1-Se) on Total Risk | 64 |

LIST OF FIGURES

| Figure 1.1. Solar Ev | aporation Ponds Area of Concern |
|----------------------|---|
| Figure 2.1 Solar Por | nds Liner Sampling |
| Figure 2.2 Surface S | Soil Sampling Locations |
| Figure 2.3 Subsurfa | ce Sampling Locations (Beginning Depths Less Than 6 Feet) |
| Figure 2.4 Subsurfa | ce Sampling Locations (Beginning Depths Greater Than 6 Feet)16 |
| Figure 2.5 Subsurfa | ce Soil Sampling Locations (No Depths) |
| Figure 2.6 IHSS PC | OC Screening Process |
| Figure 3.1 WRW Si | te Conceptual Model41 |
| | |
| | LIST OF APPENDICES |
| APPENDIX A | SOLAR EVAPORATION PONDS DATA AND BACKGROUND COMPARISON, TABLES, AND FIGURES |
| APPENDIX B | AOC AREA AND EXPOSURE UNIT SIZE |
| APPENDIX C | RISK CALCULATIONS |

ACRONYMS AND ABBREVIATIONS

AI adequate intake

ALF Action Levels and Standards Framework for Surface Water, Ground

Water, and Soil

AOC Area of Concern

ASD Analytical Services Division

AUF area use factor

AWF area weighting factor

BZ Buffer Zone

CCR Code of Colorado Regulations

CDPHE Colorado Department of Public Health and Environment

CERCLA Comprehensive Environmental Response, Compensation, and Liability

Act

COC contaminant of concern

CRA Comprehensive Risk Assessment

DAF dermal absorption factor
DOE U.S. Department of Energy
DQA Data Quality Assessment
EDD electronic data deliverable

EPA U.S. Environmental Protection Agency

ER Environmental Restoration

EU exposure unit

GIS Geographic Information System

HEAST Health Effects Assessment Summary Tables

HHRA Human Health Risk Assessment

HI hazard index HQ hazard quotient IA Industrial Area

IASAP Industrial Area Sampling and Analysis Plan

IHSS Individual Hazardous Substance Site
IM/IRA Interim Measure/Interim Remedial Action

IRIS Integrated Risk Information System

ITS Interceptor Trench System
K-H Kaiser-Hill Company, L.L.C.
LCS laboratory control sample
μg/kg micrograms per kilogram
μg/m³ micrograms per cubic meter

mg milligram

mg/kg milligrams per kilogram

mg/kg-day milligrams per kilogram per day

ML mass loading MS matrix spike

MSD matrix spike duplicate

NCEA National Center for Environmental Assessment

OPWL Original Process Waste Lines

OU Operable Unit

PAC Potential Area of Concern PAH polyaromatic hydrocarbon

PARCCS precision, accuracy, representativeness, completeness, comparability,

and sensitivity

PCB polychlorinated biphenyl

pCi picocurie

pCi/g picocuries per gram

PCOC potential contaminant of concern

ppb parts per billion ppm parts per million

PRG preliminary remediation goal

QA quality assurance QC quality control

RADMS Remedial Action Decision Management System

RAGS Risk Assessment Guidance for Superfund RCRA Resource Conservation and Recovery Act

RDA recommended daily allowance

RfC reference concentration

RFCA Rocky Flats Cleanup Agreement

RfD reference dose

RFETS (or Site) Rocky Flats Environmental Technology Site

RFI/RI RCRA Facility Investigation/Remedial Investigation

RFP Rocky Flats Plant RL reporting limit

RIN report identification number
RME reasonable maximum exposure
RPD relative percent difference
RSAL radionuclide soil action level
SAP Sampling and Analysis Plan
SEP Solar Evaporation Ponds

SF slope factor

SOP standard operating procedure SVOC semivolatile organic compound

SWD Soil Water Database

TCLP Toxicity Characteristic Leaching Procedure

UCL upper confidence limit

UL upper limit

V&V verification and validation VOC volatile organic compound WRW wildlife refuge worker

1.0 INTRODUCTION AND PURPOSE

The Human Health Risk Assessment (HHRA) was performed for Individual Hazardous Substance Site (IHSS) 101, the Solar Evaporation Ponds (SEP), effluent pipe, a portion of IHSS 121, the Original Process Waste Lines (OPWL) Resource Conservation and Recovery Act (RCRA), Units 21 and 48, and Potential Area of Concern (PAC) 900-1310 (the Interceptor Trench System [ITS] water spill) at the Rocky Flats Environmental Technology Site (RFETS). This assessment of health risks can be used as a tool in the evaluation of appropriate and necessary remedial actions or implementation of other risk management measures to ensure protection of human individuals and populations following site closure. The HHRA was conducted in accordance with anticipated future land use, a wildlife refuge. Adverse health risks to wildlife refuge workers (WRWs) resulting from potential exposures to chemicals and radionuclides at or released from source term areas within the SEP area of concern (AOC) are quantified. Health risks are estimated for the reasonable maximum exposure (RME) conditions as defined by the U.S. Environmental Protection Agency (EPA) guidance (EPA 1989; 1992a).

Two HHRAs have previously been prepared for the SEP. The first was performed for the 1995 Interim Measure/Interim Remedial Action (IM/IRA), which was never approved. In response to deficiencies in the IM/IRA HHRA, Environmental Restoration (ER) completed a draft of a second HHRA in late 1995. The second HHRA was executed in close consultation with Colorado Department of Public Health and Environment (CDPHE) but was never finalized. There have been several significant changes in anticipated land use since 1995. The changes in land use impact all phases of the risk assessment process including receptors, exposure scenarios, exposure factors; screening values (preliminary remediation goals [PRGs]), and contaminant of concern (COC) selection. There have also been many updates of the toxicity factors used to calculate risks and health hazards since 1995.

The current HHRA incorporates much of the same data used in the earlier HHRAs, plus any that have become available since 1995. All methods and information used in the HHRA have been updated to those currently approved or that are in the approval process for RFETS. The final HHRA has been completed in close consultation with CDPHE. Ecological risk is

1

¹ Although a portion of the New Process Waste Lines (NPWL), RCRA Unit 374.3, exists within this area, the line was not included in this risk assessment because it is an aboveground line with no soil contamination expected.

not addressed in this risk assessment. Ecological risk will be assessed in the Sitewide Comprehensive Risk Assessment (CRA).

1.1 SITE DESCRIPTION

RFETS consists of an industrialized area of approximately 400 acres surrounded by an undeveloped Buffer Zone (BZ) of about 6,150 acres. The SEP is located in the central portion of the Site on the northeastern side of the Industrial Area (IA) and consists of five dry (empty) solar evaporation ponds (Pond 207-A, 207-B North, 207-B Center, 207-B South, and Pond 207-C). The SEP AOC includes adjacent soils within the IA and outside the IA fence, as well as a portion of IHSS 121, RCRA Units 21 and 48, and PAC 900-1310 (Figure 1.1). A field investigation was performed for the SEP and adjacent areas (results are presented in Appendix A). Any releases of contaminants into the environment that may have occurred from these units are within the AOC. The total AOC area is approximately 33.3 acres with a SEP area of 6.1 acres (determined by Geographic Information System [GIS] analysis, see Appendix B, Table 3).

The SEP was constructed primarily to store and evaporate radioactive process wastes containing high nitrates, and neutralized acidic process wastes containing aluminum hydroxide. In addition, these ponds have historically received wastes such as sanitary sewage sludge, lithium metal, sodium nitrate, ferric chloride, lithium chloride, sulfuric acid, ammonium persulfates, hydrochloric acid, nitric acid, hexavalent chromium, and cyanide solutions.

The ponds were initially constructed to contain wastewater with a liner inside of a bermed area. Contaminated liquids apparently infiltrated into subsurface soil. Currently, a groundwater barrier and treatment system is in place to protect an adjacent watershed area. A detailed description of the site location and general condition of the ponds is included in Sections 1.0 and 3.0 of the Phase I RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report for the SEPs.

1.2 REPORT ORGANIZATION

This document consists of the following sections and appendices that provide detailed information on various aspects of the HHRA:

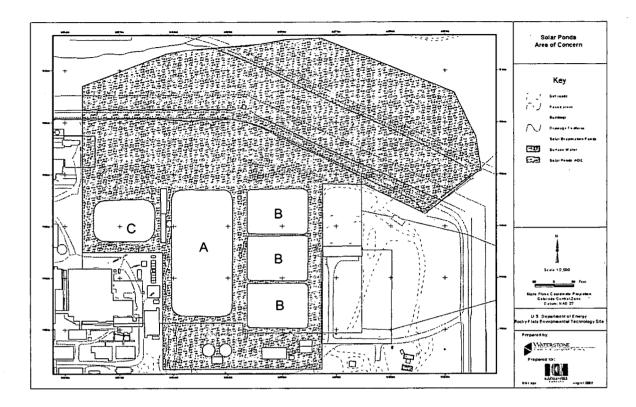


Figure 1.1. Solar Evaporation Ponds Area of Concern

Section 2.0, Selection of Contaminants of Concern: Describes the approach taken to screen and identify COCs for quantitative evaluation in the HHRA, including a summary of the analytical data used and how the data were aggregated.

Section 3.0, Exposure Assessment: Discusses the exposure scenarios evaluated in the HHRA, presents the exposure point concentrations calculated for each COC in each exposure medium and exposure area, and describes the methodology and exposure parameters used to quantify intake from each exposure pathway to each receptor.

Section 4.0, Toxicity Assessment: Describes the chemical-specific toxicity factors used in estimating noncarcinogenic and carcinogenic health risk resulting from exposure to chemicals and radionuclides.

Section 5.0, Risk Characterization and Uncertainty: Presents the results of the quantitative risk assessment for each exposure scenario, including hazard index (HI)/hazard quotient (HQ) estimates and dose calculations for each receptor, and identifies the primary sources of uncertainty associated with the resulting risk estimates.

Section 6.0, Summary and Conclusions: Summarizes and draws conclusions from the evaluation of risk assessment results and primary findings.

Section 7.0, References: Lists the literature cited in the HHRA.



Appendix A, Data Evaluation: Documents data management and all chemical and radionuclide data used in the HHRA. Data are presented in tables by media, with table of detection frequency and summary statistics, and tables and figures for the background comparisons.

Appendix B, AOC Area and Exposure Unit (EU) Size: Presents data on the development of exposure unit size and AOC area.

Appendix C, Risk Calculations: Presents risk calculation results by chemical and percent of total risk by media, pathway, and chemical.

2.0 SELECTION OF CONTAMINANTS OF CONCERN

Analytical data, data aggregation, the screening of potential contaminants of concern (PCOCs), and identification of COCs for quantitative evaluation in the HHRA are summarized. COCs in surface soil, subsurface soil, and pond liner material were selected on an AOC-wide basis.

2.1 ANALYTICAL DATA ASSESSMENT

Analytical data from analysis of environmental samples collected during previous Phase I field investigations and sitewide sampling programs were used to quantify contaminant concentrations present in the SEP AOC, and select the COCs for risk assessment. The sampling and analytical programs followed approved work plans, and chemical analytical results were validated in accordance with EPA and RFETS data validation guidelines.

SEP data used in the risk assessment are a compilation of analytical results generated by onsite and off-site laboratories. These data were originally stored in electronic format in the RFETS environmental Soil Water Database (SWD). The majority of these data were further processed through a series of data quality filters to ensure usability for risk assessment purposes. Data quality filters were based on the data quality objectives (DQOs) for the IA Sampling and Analysis (SAP) (IASAP) (DOE 2000). Approximately 36 percent of the data were taken directly from SWD. Appendix A describes the data preparation for the final database used in the HHRA. The data sets used for evaluation of surface soil, subsurface soil, and pond liner material are described below and presented in Appendix A, Tables A-1 through A-12.

2.1.1 DATA QUALITY ASSESSMENT (DQA)

This Data Quality Assessment (DQA), performed on the solar ponds data set, is based on various criteria derived from EPA Guidance, particularly those related to data verification and validation (V&V). A detailed DQA was also performed on the Operable Unit (OU) 4 IM/IRA data sets in 1995 (DOE 1995), and those results are summarized herein. References are listed at the end of the report. Quality Control (QC) evaluations performed on the current solar ponds data set are documented within the Microsoft (MS) ACCESS database "OU4 RA-DQA.mdb."



Verification and Validation of Results

Verification ensures that data produced and used by a project are documented and traceable per quality requirements. Validation consists of a technical review of data that directly support project decisions, such that any limitations of the data relative to project goals are stated. V&V criteria include:

- Chain-of-custody;
- Preservation and hold times;
- Instrument calibrations;
- Preparation blanks;
- Interference check samples (metals);
- Matrix spikes/matrix spike duplicates (MS/MSDs);
- Laboratory control samples (LCSs);
- Field duplicate measurements;
- Chemical yield (radiochemistry);
- Required quantitation limits/minimum detectable activities (MDAs) (sensitivity of chemical and radiochemical measurements, respectively); and
- Sample analysis and preparation methods.

Evaluation of V&V criteria ensures that precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) parameters are satisfactory, that is, within tolerances acceptable to the project. Satisfactory V&V of laboratory quality controls are captured through application of validation "flags," or qualifiers, applied to individual records. Satisfactory V&V are indicated by a 10% (or greater) validation frequency of all results by method and matrix-type, and <10% rejection of those records validated. Validation results are summarized in Table 2.1, and indicate that data quality for the project is excellent. The validation frequencies shown range from 53% to 86% per analytical suite and far exceed the present DQO at RFETS of >10%. Rejected records (R validation code) ranged from 0.5% to 2.5% of the total records for each analyte group. All analytical categories represented in the tables are self-explanatory except for "Organics-misc," which are nontarget compounds not readily classified within the suites given.

Field sampling conducted for the OU 4 RFI/RI was performed under an approved Quality Assurance (QA) Plan (EG&G 1993), including standard operating procedures (SOPs), QA



addenda, and work plans. Several deficiency reports and associated corrective action plans were produced and implemented during the course of the project as an integral part of the Quality program. None of the deficiencies compromised data quality (DOE 1995a, §II.3.6.1).

Table 2.1 OU-4 Risk Assessment Data Set, Summary of Validated Records in the RFETS SWD

| VAL_QUAL | | Number of Validated Records | | | | | | | |
|------------------|--------|-----------------------------|--------|----------|-------------|------------|-------|-------|-------|
| | Number | Organics- misc. | Anions | Metals | 11.30 11.30 | Pesticides | Rads | SVOCs | VOCs |
| Null | 4,410 | 121 | 73 | 519 | 126 | 258 | 649 | 1,523 | 1,141 |
| Y | 141 | 35 | | <u> </u> | | | 106 | | |
| Z | 3,458 | 349 - | 40 | 682 | 28 | 80 | 223 | 1,623 | 433 |
| N | 553 | | | 24 | ļ | | 529 | | |
| A | 2,228 | 63 | 18 | 343 | 2 | | 976 | 501 | 325 |
| J | 3,720 | 168 | 29 | 2,430 | 53 | 100 | 59 | 623 | 258 |
| V | 20,383 | 306 | 273 | 4,345 | 715 | 2,000 | 1,159 | 5,493 | 6,092 |
| R | 605 | 40 | 2 | 154 | 21 | 60 | 71 | 46 | 211 |
| Total Records | 35,498 | 1,082 | 435 | 8,497 | 945 | 2,498 | 3,772 | 9,809 | 8,460 |
| % Validated | 76% | 53% | 74% | 86% | 84% | 86% | 60% | 68% | 81% |
| % Rejected | 1.7% | 3.7% | 0.5% | 1.8% | 2.2% | 2.4% | 1.9% | 0.5% | 2.5% |

V = Valid without qualification

J = Estimated (semiquantitative) value

A = Acceptable with qualification

Null, N, Y, Z = Not validated

R = Rejected, do not use

Hard-copy records of previous OU 4 (SEP) reports can be found in the RFETS Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Administrative Record. Raw data, including V&V results and individual (analytical) data packages are currently filed by report identification number (RIN) and are maintained by Kaiser-Hill Company, L.L.C. (K-H) Analytical Services Division (ASD); older hard copies reside in the Federal Center (Lakewood, Colorado, [NARA]).

Precision and Accuracy

Overall precision and accuracy for the solar pond data sets were evaluated and documented in the SEP IM/IRA (DOE 1995), and are summarized in this section.

Precision of field sampling was adequate based on measurement of relative percent difference (RPDs) between duplicate and real samples. A collection frequency of 10% was originally established for the project, although >5% is generally considered adequate. The actual collection frequency was 1:14, or approximately 7%. An RPD of <40% was the RPD DQO for soil matrices; that goal was achieved for all analytical suites, including radionuclides, over 75% of the time.

Field blanks collected during the project indicated no false positives were present in the data set due to equipment cross-contamination.

Representativeness

Samples acquired for the project are representative based on their type, number, and location relative to the site-specific history (DOE 1995a). Other criteria that corroborate representativeness include:

- Implementation of industry-standard chain-of-custody protocols;
- · Compliance with sample preservation and hold times; and
- Compliance with documented and Site-approved sampling plans and procedures, including SW-846 analytical methods.

Completeness

Sampling completeness was evaluated through the number and types of samples acquired relative to the project DQOs. Specifically, were samples collected to meet established goals, and valid results produced, to make project decisions?

The following number of asphalt liner samples were collected, relative to the analytical suites:

| Metals: | 15 | Volatile Organic Compounds (VOCs): | 0 |
|-----------------------------------|----|--|----|
| Radionuclides: | 15 | Semivolatile Organic Compounds (SVOCs) | 67 |
| Polychlorinated biphenyls (PCBs): | 0 | Organics (miscellaneous): | 0 |
| Pesticides: | 0 | | |

The following number of surface soil (SS) samples were collected, relative to the analytical suites:

| Metals | 73 | VOCs | 68 |
|---------------|----|------------------|----|
| Radionuclides | 72 | SVOCs | 67 |
| PCBs | 66 | Organics (misc.) | 71 |
| Pesticides | 61 | | |

The following number of subsurface (BH) soil samples from 0-to-6-foot depth were collected, relative to the analytical suites:

| Metals | 103 | VOCs | 98 |
|---------------|-----|------------------|-----|
| Radionuclides | 118 | SVOCs | 27 |
| PCBs | 17 | Organics (misc.) | 101 |
| Pesticides | 17 | Anions | 72 |

The following number of subsurface (BH) soil samples from greater than 6-foot depth were collected, relative to the analytical suites:

| Metals | 72 | VOCs | 102 |
|---------------|-----|------------------|-----|
| Radionuclides | 133 | SVOCs | 14 |
| PCBs | 14 | Organics (misc.) | 72 |
| Pesticides | 14 | Anions | 59 |

A summary of the V&V for all electronic data deliverable (EDD) records (in the current data sets) is provided in Table 2-1 and indicates that the minimum required percentages of validation for current projects, >10% and typically greater than 90%, were achieved for all sample types and methods. Of the percentages validated, <4% were rejected for any given analytical method; this is well below the maximum allowable rejection rate of 10% considered acceptable based on current RFETS DQOs. All rejected records were disqualified from use in the SEP risk assessment.

Comparability

All results presented are comparable with nation-wide CERCLA data and U.S. Department of Energy (DOE) complex-wide environmental data. This comparability is based on:

- Use of standardized engineering units in the reporting of measurement results;
- Consistent sensitivities of measurements (generally $\leq \frac{1}{2}$ corresponding action levels); and
- Use of Site-approved procedures, work plans, and quality controls (for example, Contractual Statements of Work for lab analyses; DOE 1995a).

Sensitivity

Adequate sensitivities of analytical methods were attained for all results. Reporting limits (and nondetect values), in units of micrograms per kilogram ($\mu g/kg$) (parts per billion [ppb]) for organics, milligrams per kilogram (mg/kg) (parts per million [ppm]) for metals, and picocuries per gram (pCi/g) for radionuclides, were compared with PRG action levels (10^{-5} WRW scenario) on a record-by-record basis. All results were less than <1/2 the PRG value. Adequate sensitivity is defined as a reporting limit (RL) that is less than the analyte's associated action level; ideally, it is <1/2 the action level.

Summary

Data quantity and quality are acceptable for risk assessment purposes, with the qualifications given, and based on the V&V criteria cited.

2.1.2 Power Calculations

Sampling power was evaluated to statistically determine if sufficient samples were collected to adequately characterize analyte concentrations within the AOC to support the risk assessment. It was assumed that samples were collected independently across the AOC for all sampled media, including liner materials, surface soils, and subsurface soils.

Three methodologies were used to conduct power calculations that are specific to the type of concentration distributions observed:

- Parametric: EPA (1994). QA/G-4 Report for normally distributed results.
- Lognormal: Gilbert (1987). Equation 13.23 for lognormally distributed results.
- Non-parametric: NRC/EPA/DOE/DOD (1997). MARSSIM Report §5.5.2.3 for non-parametric distributions.

The QA/G-4 model is only appropriate for normally distributed data and, therefore, used the arithmetic average and standard deviation to estimate the variance and construct 95UCLs.



The EPA QA/G-9 model is used to estimate numbers of required samples for analytes with lognormal distributions. Accordingly, the data were log-transformed to estimate the variance and lognormal UCLs. The Gilbert (1987) equation 13.23 is used for all analytes with lognormal distributions. The MARSSIM model (1997) is used for all analytes with observed non-parametric distributions. This model uses normal data or non-parametric data to estimate the variance and UCLs. Non-parametric estimates are derived from the re-sampling Bootstrap methodology (EPA, 1997; EPA, 2001: EPA, 2002).

Relative errors are derived primarily from the difference between the PRG or Action Level and the mean. Secondary relative errors are determined based on the difference between the PRG and the upper 95% confidence limit. A target risk of 1E-05 and HQ = 1.0 are used to select the appropriate PRGs to derive relative errors. The relative errors are constructed to bound sampling error due to inherent heterogeneity of analytes in soils and, therefore, the number of predicted samples required.

Statistical testing for distributions is conducted at the 95% confidence level using EPA (2000) QA/G-9 guidance and the associated DataQuest software. Graphical output is also evaluated, including histograms and frequency distributions. Tables 2.2a through 2.2c present the power calculations.

Liner Material

Radiological results appear to be lognormal with leptokurtic, skewed-right distributions clustering about zero. However, statistical testing did not confirm lognormality for americium-241 and uranium-238. Uranium-235 had a lognormal distribution. Both lognormal and non-parametric methods were employed to evaluate sample power for this reason. Table 2.2a presents the power calculation for the liner material.

The minimum number of required samples at 95% confidence level for PRGs at the 1E-06 and HQ = 1.0 levels are summarized below for all PCOC and the statistical methods employed.



Table 2.2a Power Calculations for Liner PCOCs.

| PCOC-Dist | Number of Required Samples (n) | | | | | | |
|-------------|--------------------------------|---------|-----------|-----------|--|--|--|
| 1000 2.50 | MARSSIM | MARSSIM | Lognormal | Lognormal | | | |
| Chromium-NP | 13 | 13 | 1 | 1 | | | |
| - Am-241-NP | 13 | 13 | 2 | 2 | | | |
| U-235-Log | 13 | 13 | 1 | 1 | | | |
| U-238-NP | 13 | 13 | 1 | 1 | | | |

Power calculation results indicated that sufficient samples have been collected for all liner analytes. The results indicated that the difference between the mean or 95UCL and the respective PRGs is so great, that no additional samples would have to be collected. The value of 13 for the MARSSIM test is the default when the relative shift is greater than 3.0.

Surface Soils

Actual sample sizes for surface soil analytes ranged from 60 for Pu-239 to the low seventies for all other radionuclides and inorganics. Arsenic had a normal distribution and all other analytes in surface soil exhibited non-parametric distributions. Table 2.2b shows the power calculation results. Due to the relative large difference between the PRGs and the analyte mean or 95UCLs, predicted sample numbers were all at 1 to 2 for lognormal and 13 for the MARSSIM non-parametric test. A power calculation was conducted for arsenic assuming a normal distribution. These results predicted that one additional sample was required.

Table 2.2b Power Calculations for Surface Soil PCOCs.

| PCOC-Dist | Number of Required Samples (n) | | | | | | |
|--------------|--------------------------------|---------|-----------|-----------|--|--|--|
| 1000 2.60 | MARSSIM | MARSSIM | Lognormal | Lognormal | | | |
| Aluminum-NP | 13 | 13 | 1 | 1 | | | |
| Arsenic-Nor | 13 | 13 | 1 | 1 | | | |
| Cadmium-NP | 13 | 13 | 1 | 1 | | | |
| Chromium-NP | 13 | 13 | 1 | 1 | | | |
| Manganese-NP | 13 | 13 | 1 | 1 | | | |
| Am-241-NP | 13 | 13 | 1 | 2 | | | |
| Pu-239-NP | 13 | 13 | 1 | 1 | | | |
| U-238-NP | 13 | 13 | 1 | 1 | | | |
| U-235-NP | 13 | 13 | 1 | 1 | | | |
| U-234-NP | 13 | 13 | 1 | 1 | | | |

Subsurface Soils

Subsurface soils were evaluated for adequate samples using both lognormal and non-parametric power calculations. Actual samples sizes for analytes ranged from 95 for americium-241 to 188 for uranium-238. All predicted sample sizes for all analytes in Table 2.2c were below the actual sample sizes collected. The low results for all lognormal analytes indicates that the means and upper 95% confidence levels are well below the respective PRGs. Non-parametric results were all at the default of 13 when the relative difference over the standard deviation is greater than 3.0.

Table 2.2c Power Calculations for Subsurface Soil PCOCs.

| PCOC-Dist | Number of Required Samples (n) | | | | | | |
|---------------|--------------------------------|---------|-----------|-----------|--|--|--|
| | MARSSIM | MARSSIM | Lognormal | Lognormal | | | |
| Aluminum-Log | 13 | 13 | 1 | 1 | | | |
| Arsenic-Log | 13 | 13 | 1 | 1 | | | |
| Barium-Log | 13 | 13 | 1 | 1 | | | |
| Cadmium-Log | 13 | 13 | 1 | 1 | | | |
| Chromium-Log | 13 | 13 | 1 | 1 | | | |
| Iron-NP | 13 . | 13 | 1 | 1 | | | |
| Manganese-Log | 13 | 13 | 1 | 1 | | | |
| Am-241-NP | 13 | 13 | 1 | 1 | | | |
| Pu-239-NP | 13 | 13 | 1 | 1 | | | |
| U-238-Log | 13 | 13 | 1 | 1 | | | |
| U-235-NP | 13 | 13 | 2 | 2 | | | |

nc = Not Calculated because the mean and confidence levels are above the PRG.

Based on the results of the power calculations for all analytes in all SEP media, it is concluded that a sufficient number of samples have been collected from the AOC to adequately quantify risk at the 1E-05 level using estimates of uncertainty associated with the concentration terms.

2.2 SEGREGATION OF SAMPLES BY MEDIA

2.2.1 Liner Materials

A total of 15 pond liner material samples were collected in 1993 and 1995. These samples were analyzed for only metals and radionuclides; no analyses for organics were requested because the liners are made of asphalt. Sampling locations for the collection of pond liner materials are shown on Figure 2.1. All ponds were sampled, except the southernmost B-Series ponds; however, all B-Series ponds received similar waste streams.



The pond liner data were aggregated separately and assessed using surface soil pathways. The inhalation pathway was not assessed due to the cohesive nature of the liners. No allowance was made for additions of clean fill over the liners.

Four asphalt samples from Pond 207-C were collected and tested for the RCRA toxicity characteristic for metals using the Toxicity Characteristic Leaching Procedure (TCLP) (Test Method 1311, specified by EPA in SW-846 ([EPA 1996]). Observed concentrations for arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were well below regulatory limits. Therefore, the SEP liner material is not classified as characteristic hazardous waste and is not subject to regulation under RCRA, Code of Colorado Regulations (CCR) 1007-3, Subpart C.

2.2.2 Surface Soil

Most surface soil samples were collected using the Rocky Flats Plant (RFP) method, in which the top 2 inches (5 centimeters) of soil are collected in several locations within a plot and then composited. Other samples were collected from the first interval of borehole sampling. All samples having a beginning and ending depth between 0 and 6 inches were retained in the surface soil data set. Surface soil for the ponds is considered to be within 0 to 6 inches of soil below the liners. The majority of surface soil samples were collected from May through July 1994. The analytical parameters varied by location, but generally included metals, radionuclides, nitrates, VOCs, SVOCs, pesticides, and PCBs. Surface soil sampling locations are shown on Figure 2.2.

2.2.3 Subsurface Soil

Subsurface soil samples were collected from October 1987 through November 1993. Subsurface soil samples were collected in 2-to-6-foot composites, depending on sampling location. Laboratory analyses of subsurface soil samples generally included the following analytical groups: VOCs, SVOCs, metals, pesticides, PCBs, and radionuclides. All data available for the AOC were reviewed. The subsurface data were divided into three categories: (1) samples with beginning depths less than 6 feet and ending depths greater than 0.5 feet (Figure 2.3); (2) samples with beginning depths greater than 6 feet (Figure 2.4); and (3) samples with no depth data in the database (Figure 2.5). Only samples with starting depths less than 6 feet were used in the HHRA. Receptors are unlikely to come in contact with soil below six feet. Subsurface data with no depths were not used due to the uncertainty of the samples' vertical location. These data are summarized in Section 2.3.8.

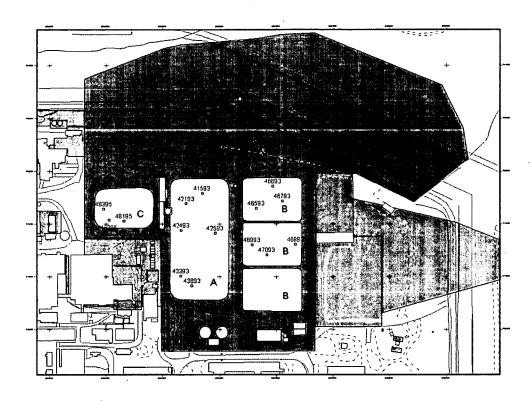


Figure 2.1 Solar Ponds Liner Sampling

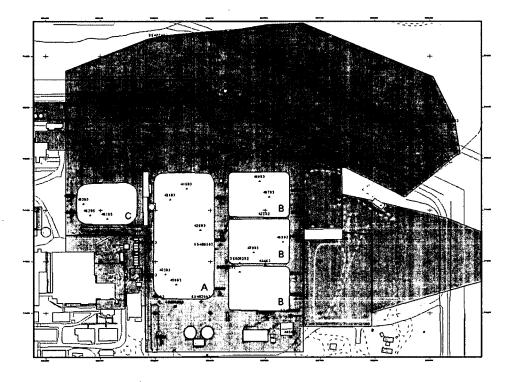


Figure 2.2 Surface Soil Sampling Locations

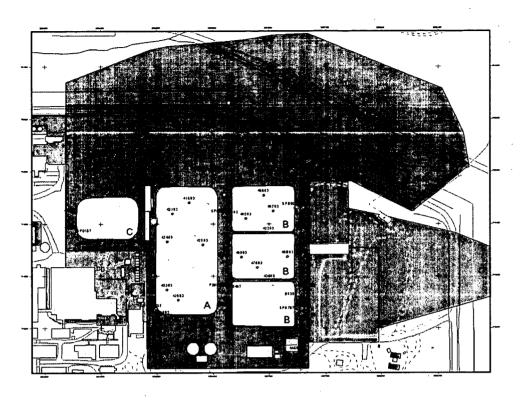


Figure 2.3 Subsurface Sampling Locations (Beginning Depths Less Than 6 Feet)

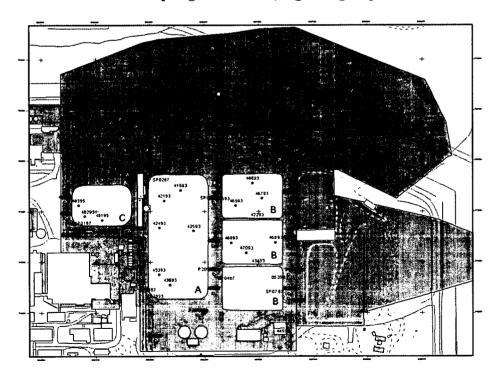


Figure 2.4 Subsurface Sampling Locations (Beginning Depths Greater Than 6 Feet)

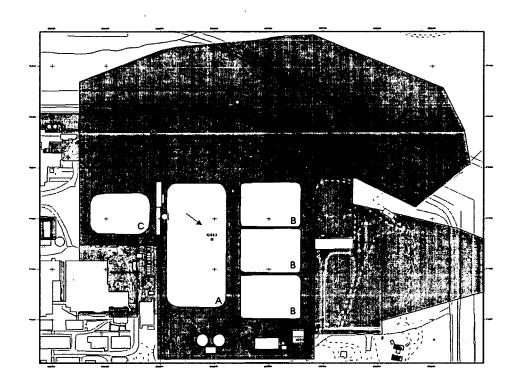


Figure 2.5 Subsurface Soil Sampling Locations (No Depths)

2.3 SELECTION OF CONTAMINANTS OF CONCERN

Samples within the AOC for surface soil, subsurface soil, and liner material were selected for use in the HHRA. The constituents in these media are the result of natural processes, precipitation of particulates and aerosols from the solar ponds, anthropogenic background (including pond liner materials), leakage of fluids from the solar ponds and surrounding lines, and accidental releases of site-specific chemicals. All analytes listed in the Action Levels and Standards Framework for Surface Water, Groundwater, and Soil (ALF) are considered PCOCs (DOE et al. 1996). Tables with summary information for all PCOCs are presented in Appendix A, Tables A-13 through A-20. All sample results from the AOC were pooled for each medium and the COCs selected. The procedure used to screen the data and select COCs is documented below and shown on Figure 2.6.

2.3.1 Essential Nutrients and Major Cations/Anions

Essential nutrients with no toxicity values in Iris or HEAST were compared to recommended daily allowances (RDA), recommended daily intakes (RDI), adequate intakes (AI) or upper limit daily nutrient intakes (UL) in accordance with EPA guidance (EPA, 1989a). Results are shown in Table 2.3. Essential nutrients with toxicity values were taken through the COC selection process.

Table 2.3 Comparison of intakes and daily allowances for essential elements without toxicity values¹

| | Intake fro | oil per Day | Soil Concentrations | | | | |
|-----------|------------|-------------|---------------------|----------|-------------|--------------------------------|--|
| Element | Max | Mean | RDA/RDI/AI | UL2 | SEP Maximum | Western US Background Range | |
| | (mg/day) | (mg/day) | (mg/day) | (mg/day) | (mg/kg) | (mg/kg) | |
| Calcium | 49.6 | 4.34 | 500-1,200 | 2,500 | 248,000 | 600 – 32,000 | |
| Magnesium | 1.3 | 0.51 | 80-420 | 65-110 | 6,500 | 300-<100,000 | |
| Potassium | 1.66 | 0.51 | 2,000-3,500 | ND | 8,310 | 1,900-63,000 | |
| Silicon | 2.26 | 0.71 | ND | ND | 11,300 | 150,000-440,000 | |
| Sodium | 0.7 | 0.11 | 500-2,400 | ND | 3,660 | 500-100,000 | |

^{1.} Shaklette and Boerngen, 1984

2.3.2 Data Aggregation and Calculation of Statistics

Data aggregation for the HHRA was performed in accordance with guidelines developed by CDPHE, EPA Region VIII, and DOE. The SEP AOC was delineated on the basis of the spatial extent of potential contaminants and known historical use. The AOC encompasses the SEP and contaminated adjacent soil (Figure 1.1).

Sample concentrations for surface soil and the bermed soil surrounding the SEP were aggregated. Liner sample data were aggregated separately from surface soil so that risks could be estimated for both media. Subsurface soil data were aggregated for use in the risk assessment for samples with beginning depths at less than 6 feet. Summary statistics are also shown for samples with beginning depths below 6 feet and for those with no depth data. These samples were not used in the risk assessment.

Summary statistics were calculated for each data group, and that included detection frequency, mean contaminant concentrations, minimum concentrations, maximum concentrations, and standard deviation. Summary statistics are presented in Tables A-13 to A-20. A summary of samples found to have irregular units and therefore, excluded from the risk assessment is shown for each medium in Tables A-21 to A-23 in Appendix A. The upper 95 percent confidence limit of the mean concentration (95UCL) was only calculated for COCs. More details on calculating the exposure concentrations are provided in Section 3.0.

2.3.3 Comparison to PRGs

PCOCs were screened relative to PRGs for the on-site WRW exposure scenario set to a 1E-06 risk level and an HQ of 0.1 (Appendix A, Tables A-13 to A-20). This was done because the target risk level for the Site is 1E-05 and this ensures that cumulative effects of PCOCs will be taken into consideration. The draft WRW PRGs developed by CDPHE using the radionuclide soil action level (RSALS) exposure assumptions and parameters were used for the screen. This is a conservative screen because the PRGs assume an office on the site, whereas the risk assessment does not (see Section 3.0).

Hexavalent chromium was deposited in the SEP. It is unlikely that the chromium has remained in the oxidized state due to its instability in the soil environment; however, for this risk assessment, the PRG value for chromium VI was used for conservatism. The maximum values observed from site samples, as reported in Appendix A, Tables A-13 to A-20, were directly compared to PRGs. Those PCOCs with maximums below the corresponding PRGs were eliminated from further consideration. The data are also shown for subsurface soil below 6 feet, so they may be compared to shallow subsurface soil. PCOCs with maximum values above the PRGs are shown in Tables 2.3 through 2.6.



COC Selection Process

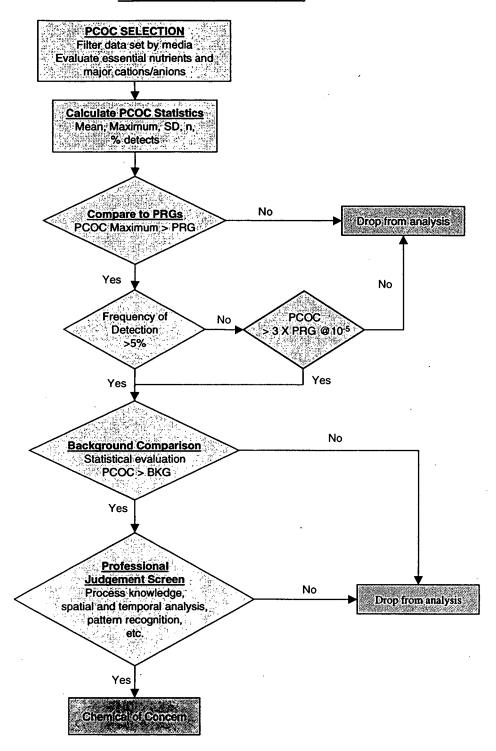


Figure 2.6 IHSS PCOC Screening Process

Table 2.4 PRG Screen for Surface Soil

| ANALYTE | Minimum | Maximum | Total Samples | Number Detects | Detection Frequency | PRG @ 10-6 or HQ=0.1 | Max/PRG |
|-----------------------|---------|---------|------------------|-------------------|------------------------|----------------------------|---------|
| | mg/kg | mg/kg | | | % | mg/kg | |
| Aluminum | 5.45 | 32500 | 73 | 72 | 99 | 14763 | 2.20 |
| Arsenic | 0.31 | 7.5 | 72 | 70 | 97 | 2.17 | 3.46 |
| Cadmium | 0.135 | 382 | 73 | 43 | 59 | 95.5 | 4 |
| Chromium | 0.47 | 120 | 73 | 71 | 97 | 15.1 | 7.95 |
| Manganese | 1.1 | 7650 | 73 | 72 | 99 | 220 | 34.8 |
| | μg/kg | μg/kg | μg/kg | | | μg/kg | |
| Benzo(a)pyrene | 36 | 1700 | 67 | 37 | 55 | 349 | 4.87 |
| Dibenz(a,h)anthracene | 38 | 370 | 66 | 9 | 14 | 348 | 1.06 |
| | pCi/g | pCi/g | | | | pCi/g | |
| Americium-241 | 0.011 | 130 | 69 | 69 | 100 | 3 | 44.6 |
| Plutonium-239/240 | 0.013 | 56 | 60 | 60 | 100 | 7 | 8.42 |
| Uranium-234 | 0.51 | 63.4 | 71 | 71 | 100 | 17.4 | 3.64 |
| Uranium-235 | -0.008 | 2.3 | 71 | 54 | 76 | 0.226 | 10.2 |
| Uranium-238 | 0.31 | 27 | 72 | 72 | 100 | 1.03 | 26.1 |

Table 2.5 PRG Screen for Liner Materials

| ANALYTE | Minimum | Maximum | Total Samples | Number Detects | Detection Frequency | PRG @ 10-6 or HQ=0.1 | Måx/PRG |
|---------------|---------|---------|------------------|-------------------|------------------------|----------------------------|---------|
| | mg/kg | mg/kg | | | % | mg/kg | |
| Chromium | 5.7 | 37.5 | 15 | 15 | 100% | 15.1 | 2.483 |
| | pCi/g | pCi/g | | | | pCi/g | |
| Americium-241 | 0.003 | 8.188 | 15 | 9 | 60% | 2.91 | 2.814 |
| Uranium-235 | 0.018 | 0.27 | 15 | 10 | 67% | 0.236 | 1.144 |
| Uranium-238 | 0.52 | 2.68 | 15 | 15 | 100% | 1.03 | 2.602 |

Table 2.6 PRG Screen for Subsurface Soil Above 6 feet

| ANALYTE | Minimum | Maximum | Total Samples | Number Detects | Detection Frequency | PRG @ : 10-6 or HQ=0.1 | /Max/PRG |
|-------------------|---------|---------|------------------|-------------------|------------------------|------------------------------|----------|
| | mg/kg | mg/kg | | | % | mg/kg | |
| Aluminum | 2250 | 39100 | 102 | 102 | 100 | 14763 | 2.65 |
| Arsenic | 0.295 | 15.5 | 103 | 97 | 94 | 2.17 | 7.14 |
| Barium | 13.45 | 11600 | 102 | 101 | 99 | 1833 | 6.33 |
| Cadmium | 0.1 | 547 | 97 | 29 | 30 | 95.5 | 5.73 |
| CHROMIUM | 3.8 | 56.9 | 102 | 102 | 100 | 15.1 | 3.77 |
| Iron | 3210 | 31100 | 102 | 102 | 100 | 30660 | 1.01 |
| Manganese | 43.6 | 1220 | 102 | 102 | 100 | 220 | 5.55 |
| | μg/kg | μg/kg | | | | μg/kg | |
| Benzo(a)pyrene | 34 | 405 | 26 | 1 | 4 | 349 | 1.16 |
| | pCi/g | pCi/g | | - | | pCi/g | , |
| Americium-241 | -0.04 | 6.1 | 95 | 82 | 86 | 2.91 | 2.09 |
| Plutonium-239/240 | -0.06 | 19.78 | 98 | 81 | 83 | 6.65 | 2.97 |
| Uranium-234 | 0 | 21 | 118 | 117 | 99 | 17.4 | 1.21 |
| Uranium-235 | 0 | 0.87 | 99 | 71 . | 72 | 0.226 | 3.86 |
| Uranium-238 | 0.1 | 11.46 | 118 | 114 | 97 | 1.03 | 11.1 |

Table 2.7 PRG Screen for Subsurface Soil Below 6 feet

| ANALYTE | Minimum | Maximum | Total Samples | Number Detects | Detection Frequency | PRG @ 10-6 or HQ=0.1 | Max/PRG |
|-------------|---------|---------|------------------|-------------------|------------------------|----------------------------|---------|
| | mg/kg | mg/kg | | | % | mg/kg | |
| Aluminum | 2160 | 42400 | 72 | 72 | 100 | 14763 | 2.872 |
| Arsenic | 0.19 | 24.6 | 72 | 67 | 93 | 2.17 | 11.336 |
| Barium | 9.7 | 4150 | 72 | 65 | 90 | 1833 | 2.264 |
| Iron | 1060 | 50800 | 72 | 71 | 99 | 30660 | 1.657 |
| Manganese | 21.5 | 3140 | 72 | 72 | 100 | 220 | 14.274 |
| 1 | pCi/g | pCi/g | | | **** | pCi/g | |
| Uranium-235 | -0.005 | 0.383 | 71 | 43 | 61 | 0.226 | 1.698 |
| Uranium-238 | 0.19 | 9.29 | 132 | 128 | 97 | 1.03 | 8.987 |

2.3.4 Frequency of Detection

All contaminants were evaluated for frequency of detection. Rarely detected PCOCs with detection frequencies < 5 % and chemicals with no detections were screened relative to the PRG to be sure the detection limits were not set too high to detect potentially hazardous concentrations. Benzo(a)pyrene had a detection frequency of 4%(one detect, Table 2.6) in shallow subsurface soil. It will not be carried on as a PCOC because the ratio of the maximum detect to the PRG is less than 3, and the detection frequency is less than 5%. Nondetected contaminants were not observed in the surface soil or liner material with elevated detection limits greater than the PRG at 1E-06 or the HQ of 0.1 (Appendix A Tables A-13-A-20).

2.3.5 Data Distribution Testing

Distributional testing was performed for all the PCOCs from liner material, surface soil, and subsurface soil retained following the PRG Screen. Testing was conducted following EPA guidance and EPA QA/G-9 methods using the Data Quest Program (EPA 1992; EPA 1996; EPA 1997; EPA 2002). Data Quest includes six statistical tests for determining data distributions. These are:

- Shapiro-Wilk Test (S-W, test limited to n < or = 50);
- Fillibens Test (Filliben, test limited to n < or = 100);
- Coefficient of Variation Test (CV);
- Skewness and Kertosis Tests (S/K, n > 50);
- Studentized Range Test (S.R, n < 1,000); and
- Geary Test (Geary, verify with other test if n > 50).

Not all tests were applied to each data set due to sample number limitations. Filliben's test was included for sample sizes less than 50 and results verified by other tests. The results of the distribution testing were evaluated using specific decision rules and a final distribution type of normal, lognormal, or non-parametric was assigned for each PCOC. The assigned distribution was then utilized to quantify the appropriate upper 95% UCL. Test results were also compared to background distribution test results to determine the appropriate statistical test to compare Site data to background data.

The decision rules to assign distribution types were the following:



- A yes result indicates that the data do conform to the assumed distribution at the alpha = 0.05 level for an individual test.
- Two or more "no" results for the tests shown in Tables 2.8 to 2.13 indicates that the data did not conform to the distribution being tested.
- If results lead to a yes decision for both normal and lognormal distributions the data are treated non-parametrically.
- Radiological data with zero and negative concentrations cannot be log-transformed and are considered normal or non-parametric.

Statistical comparisons to background were conducted using a non-parametric Mann-Whitney Rank Sum Test when Site and background data had different assigned distributions or were neither normally or lognormally distributed. If Site and background data had the same normal or lognormal distributions, then a Student's T-Test was used to compare PCOCs to background. Overlap of 95% lognormal confidence limits was also considered to indicate that that site data was within the range of background.

Liner Data Evaluation

Fifteen liner samples were evaluated for each PCOC with a maximum above the WRW PRG, chromium, americium-241, uranium-235, and uranium -238. All other PCOCs were eliminated in the PRG Screen. Table 2.8 presents test results.

Chromium, americium-241, uranium-238were classified as having neither normal nor lognormal distributions. Uranium-235 exhibits a lognormal distribution. Table 2.9 presents distributional testing results for background surface soil. Background distributions for the PCOCs were very similar to site data distributions. However, background americium-241 was assigned a normal distribution. Background and site PCOCs were assigned the same or different final distributions as shown in Tables 2.8 and 2.9.

Table 2.8 Summary of Distribution Testing for Liner PCOCs

| | Distribution Test Result (alpha = 0.05) | | | | | | | | | | | | |
|------------|---|----------|-----|------|-------|-----|-------------------|-----|------|-------|------|--|--|
| PCOC(n) | Normality Test | | | | | | Lognormality Test | | | | | | |
| | S-W | Filliben | CV | S.R. | Geary | S-W | Filliben | CV | S.R. | Geary | Dist | | |
| Cr(15) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | NP | | |
| Am-241(15) | No | No | No | Yes | Yes | No | No | No | No | No | NP | | |
| U-235(15) | No | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Log | | |
| U-238(15) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | NP | | |

NP = Non-Parametric Distribution.

Log = Lognormal Distribution.



Table 2.9. Summary of Distribution Testing for Background Surface Soil PCOCs

| | Distribution Test Result (alpha = 0.05) | | | | | | | | | | | | |
|------------|---|----------|-----|------|-------|-------|----------|-----|------|-------|------|--|--|
| PCOC(n) | | Nor | | | | Final | | | | | | | |
| | S-W | Filliben | CV | S.R. | Geary | S-W | Filliben | CV | S.R. | Geary | Dist | | |
| Cr(15) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | NP | | |
| Am-241(15) | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | No | Nor | | |
| U-235(15) | No | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Log | | |
| U-238(15) | No_ | No | Yes | Yes | No | No | No | No | Yes | No | NP | | |

NP = Non-Parametric Distribution.

Log = Lognormal Distribution.

Nor = Normal Distribution.

Surface Soil Data Evaluation

Surface soil data were evaluated for each PCOC with a maximum above the WRW PRG, aluminum, arsenic, cadmium, chromium, manganese, americium-241, uranium-235, and uranium-238. All other PCOCs were eliminated in the PRG Screen. Table 2.10 presents test results.

None of the surface soil PCOCs was classified as normally or lognormally distributed. Table 2.11 presents distribution testing results for background surface soil. Background distributions for the PCOCs were similar to site data distributions. However, background americium-241 was assigned a normal distribution and plutonium-239/240 and uranium-235 were found to be lognormal. Background and site PCOCs were assigned the same or different final distributions as shown in Tables 2.10 and 2.11.

Table 2.10 Summary of Distribution Testing for Surface PCOCs

| | | | | Dis | tribution | Test Result | st Results (alpha = 0.05) | | | | | |
|-------------|----------|-----|--------|------|------------------|-------------|---------------------------|-----|------|-------|------|--|
| PCOC (n) | ···· | Nor | mality | Test | 7. d | | Lognormality Test | | | | | |
| | Fillbens | CV | S/K | S.R. | Geary | Fillbens | CV | S/K | S.R. | Geary | Dist | |
| Al (73) | No | Yes | No | Yes | No | No | Yes | Yes | No | No | NP | |
| As (72) | No | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes | Nor | |
| Cd (73) | No | No | No | No | No | No | No | No | Yes | Yes | NP | |
| Cr (73) | No | Yes | No | No | No | No | Yes | No | No | No | NP | |
| Mn (73) | No | No | No | No | No | No | Yes | No | No | No . | NP | |
| Am-241(69) | No | Yes | No | Yes | No | Yes | No | Yes | No | Yes | NP | |
| Pu-239 (60) | No | No | No | No | No | Yes | No | Yes | Yes | No | NP | |
| U-234 (72) | No | No | No | No | No | No | No | No | Yes | Yes | NP | |
| U-235 (70) | No | No | No | No | No | No | Yes | Yes | Yes | No | NP | |
| U-238 (71) | No | No | No | No | No | No | No | No | Yes | Yes | NP | |

NP = Non-Parametric Distribution.



Table 2.11 Summary of Distribution Testing for Background Surface Soil PCOCs

| | Distribution Test Result (alpha = 0.05) | | | | | | | | | | | | |
|-------------|---|-----------|-----|------|-------|-----|-----------|-----|------|-------|------|--|--|
| PCOC (n) | | Nori | | 1 | Final | | | | | | | | |
| | S-W | Fillibens | CV | S.R. | Geary | S-W | Fillibens | CV | S.R. | Geary | Dist | | |
| Al (20) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | NP | | |
| As (20) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | NP | | |
| Cd (20) | No | No | Yes | Yes | No | No | No | No | Yes | Yes | NP | | |
| Cr (20) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | NP | | |
| Mn (20) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | NP | | |
| Am-241 (50) | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | No | Nor | | |
| Pu-239 (50) | No | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Log | | |
| U-234 (20) | No | No | Yes | Yes | No | No | No | No | Yes | No | NP | | |
| U-235 (20) | No. | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Log | | |
| U-238 (20) | No | No | Yes | Yes | No | No | No | No | Yes | No | NP | | |

NP = Non-Parametric Distribution.

Nor = Normal Distribution

Log = Lognormal Distribution.

Subsurface Soils Data Evaluation

Subsurface soil samples ranging in sample size from 95 to 118 were evaluated for distribution type as shown in Table 2.12 for all PCOCs retained in the PRG screen. Metals, with the exception of iron are lognormally distributed. However, all radionuclides, with the exception of uranium-238, were not evaluated, due to the presence of zero and negative concentrations which can not be evaluated using log transformations.

Table 2.13 presents the test results for background analytes corresponding to the PCOCs in subsurface soils collected from the SEPs. Aluminum, arsenic, and barium had lognormal distributions in both background and SEP data. All other background analytes in Table 2.13 are neither normally nor lognormally distributed, or could not be log-transformed due to the presence of zero and negative concentrations.

Subsurface PCOC exhibited mostly lognormal distributions compared to surface and liner PCOCs that were primarily non-parametric. This could be due to the presence of contamination mixed with background concentrations in surface media as opposed to a predominant background population in the subsurface soils.



Table 2.12 Summary of Distribution Testing for Subsurface PCOCs

| | <u> </u> | | Distribution Test Result (alpha = 0.05) | | | | | | | | | | | | |
|-------------|----------|----------------|---|------|-------|----------|-----|-------------------|------|-------|------|--|--|--|--|
| PCOC (n) | | Normality Test | | | | | | Lognormality Test | | | | | | | |
| | Fillbens | CV | S/K | S.R. | Geary | Fillbens | CV | S/K | S.R. | Geary | Dist | | | | |
| Al (102) | na | Yes | No | Yes | No | na | Yes | Yes | Yes | Yes | Log | | | | |
| As (103) | na | Yes | No | Yes | No | na | Yes | Yes | Yes | Yes | Log | | | | |
| Ba (102) | na | No | No | No | No | n'a | Yes | Yes | Yes | Yes | Log | | | | |
| Cd (97) | No | No | No | No | No | Yes | Yes | Yes | Yes | Yes | Log | | | | |
| Cr (102) | na | Yes | No | Yes | No | na | Yes | Yes | Yes | Yes | Log | | | | |
| Fe (102) | na | Yes | No | Yes | Yes | na | Yes | Yes | Yes | Yes | NP | | | | |
| Mn (102) | na | Yes | No | No | No | na ' | Yes | Yes | Yes | Yes | Log | | | | |
| Am-241 (95) | No | No | No | No | No | nc | nc | nc | nc | nc | NP | | | | |
| Pu-239 (98) | No | No | No | No | No | nc | nc | nc | nc | nc | NP | | | | |
| U-234 (118) | na | No | No | Yes | No | na, nc | nc | nc | nc | nc | NP | | | | |
| U-235 (99) | No | No | No | Yes | No | nc | nc | nc | nc | nc | NP | | | | |
| U-238 (118) | na | No | No | Yes | No | na | Yes | Yes | Yes | Yes | Log | | | | |

na = Fillbens Test limited to n < or = 100.

nc = Not Calculated Due to Zero and Negative Concentrations.

NP = Non-Parametric Distribution.

Log = Lognormal Distribution.

Table 2.13. Summary of Distribution Testing for Background Subsurface Soil PCOCs1

| | | Distribution Test Result (alpha = 0.05) | | | | | | | | | | | | |
|-------------|----------|---|-----|------|-------|----------|-----|-------------------|------|-------|------|--|--|--|
| PCOC (n) | | Normality Test | | | | | | Lognormality Test | | | | | | |
| | Fillbens | CV | S/K | S.R. | Geary | Fillbens | CV | S/K | S.R. | Geary | Dist | | | |
| Al (98) | No | Yes | No | No | No | Yes | Yes | Yes | Yes | Yes | Log | | | |
| As (99) | No | No | No | No | No | Yes | Yes | Yes | Yes | Yes | Log | | | |
| Ba (99) | No | Yes | No | No | No | Yes | Yes | Yes | Yes | Yes | Log | | | |
| Cd (81) | No | Yes | No | Yes | No | Yes | No | No | Yes | No | NP | | | |
| Cr (99) | No | No | No | No | No | No | Yes | No | No | No | NP | | | |
| Fe (99) | No | Yes | No | No | No | No | Yes | No | No | No | NP | | | |
| Mn (99) | . No | No | No | No | No | No | Yes | No | No | Yes | NP | | | |
| Am-241 (28) | No · | No | na | Yes | Yes | nc | nc | nc | nc | nc | NP | | | |
| Pu-239 (99) | No | No | No | Yes | Yes | nc | nc | nc | nc | nc | NP | | | |
| U-234 (99) | No | No | No | No | No | No | No | No | No | No | NP | | | |
| U-235 (99) | No | No | No | Yes | No | nc | nc | nc | nc | nc | NP | | | |
| U-238 (99) | No | Yes | No | No | No | No | No | No | No | No | NP | | | |

nc = Not Calculated Due to Zero and Negative Concentrations.

NP = Non-Parametric Distribution.

Log = Lognormal Distribution.

(1) Subsurface Soil Data from upper stratigraphic unit.

2.3.6 Background Comparison – Statistical Testing

Analytical results for metals and radionuclides above the WRW PRGs in surface soil, subsurface soil, and liner material at the SEP were compared to background concentrations. Background data were from DOE (1995b and 1993) for local surface and subsurface soil, respectively. Pond liner material was compared to background surface soils for determination of PCOCs, because no specific background data are available for liner materials.

Data distribution testing was discussed in Section 2.3.5 for all PCOCs retained after the PRG Screen for all SEP media. Statistical comparison of SEP media data to background data was then conducted, based on the results of the distribution testing, to ascertain the possible presence of SEP analyte concentrations above natural background. If SEP media data and background data had different distributions or both had non-parametric distributions, then a non-parametric Mann-Whitney U-test was used for the comparison. If both background and SEP media data had normal or lognormal distributions, then a specific t-test and a comparison of lognormal 90% confidence intervals were used, respectively. The comparison of lognormal 90% confidence intervals for SEP analyte data compared to background data was conducted to evaluate if SEP data were within the range of background. However, this test was not considered conclusive and was used in conjunction with the Mann-Whitney U-test and the t test to screen PCOCs in the Background Comparison Screen.

Statistical testing versus background was performed for all PCOCs with maximum concentrations above PRGs (Tables 2.4 to 2.6). Comparative statistics were run, using the Exceltm add-in program Analyze-ittm, for the AOC and background data for each analyte and each medium (Appendix A). A box plot comparison was completed to visually compare each pair of populations. The nonparametric Mann-Whitney U test was used to test for differences between the medians of the two independent samples with an Alternative Hypothesis: Site > Background, p-value = 0.05. Detailed results are shown in Appendix Tables A-24 through A-76. Results of the analysis are summarized in Table 2.14, and discussed below.

Liner Material: Non-parametric tests were completed for chromium, americium-241, uranium-235, and uranium-238 in liner materials. In addition, a comparison of lognormal confidence intervals was conducted for U-235. Chromium and uranium-238 were eliminated as PCOCs and americium-241 and uranium-235 were both retained as shown in Table 2.8. The geometric means and respective lognormal confidence intervals for uranium-235 SEP

(0.095 to 0.206) vs. background (0.048 to 0.062) were shown to overlap. In addition, the site and background uranium-235 data were log-transformed and subjected to an independent sample t-test. The results indicated that the site uranium-235 mean was significant greater than background with a P=0.0004, alpha = 0.05. Uranium-235 was therefore retained as a PCOC due to highly significant results of P=0.0003 from the Mann-Whitney U-test and P=0.0004 from the t-test, coupled with the large degree of variability associated with the lognormal 95UCLs.

Surface Soil: All PCOCs from SEP surface soil was evaluated and found to have different distribution relative to background distributions (Section 2.3.5). Therefore, statistical comparisons to background were conducted using the non-parametric Mann-Whitney U-test. Aluminum, arsenic, and manganese were determined not to be greater than background at the 0.05 level of significance (Table 2.14). Aluminum, arsenic, and manganese were therefore eliminated from further consideration as PCOCs.

Subsurface Soils:

Chromium, iron, and manganese were determined to not be greater than background using the Mann-Whitney U-test (Table 2.14) and will be not be considered further. Aluminum, arsenic, and barium exhibited lognormal distributions for both SEP subsurface soil and background data. The non-parametric Mann-Whitney test indicates that aluminum and barium are not greater than background at the 95% confidence level. The lognormal 90% confidence intervals for SEP subsurface soil and background data for these three analytes are as follows:

| PCOC | SEP Soils | Background Soils |
|----------|----------------|-------------------------|
| Aluminum | 11619 to 14010 | 11484 to 14708 |
| Arsenic | 4.38 to 5.86 | 3.56 to 4.50 |
| Barium | 102 to 138 | 85.2 to 107 |



Table 2.14 Summary of Statistical Comparison of Sep and Background Data

| | AOC | 18.8° C.38.8° | Mann-Whitney | AOC>BKG |
|--------------------|------|---------------|---------------|---------|
| Analyte | | BKG (n) | One tailed p- | @ 0.05 |
| | (n) | | value | Level? |
| | | 2777 | | |
| Liner ¹ | | | | |
| Chromium | 15 | 20 | 0.1118 | No |
| Americium-241 | 15 | 50 | 0.001 | Yes |
| Uranium-235 | 15 | 20 | 0.0003 | Yes |
| Uranium-238 | 15 | 20 | 0.0966 | No |
| Surface Soil | | | | |
| Aluminum | 73 | 20 | 0.541 | No |
| Arsenic | 72 | 20 | 1.000 | No |
| Cadmium | 73 | 20 | 0.0009 | Yes |
| Chromium | 73 | 20 | 0.0017 | Yes |
| Manganese | 73 | 20 | 0.9932 | No |
| Americium-241 | 69 | 50 | < 0.0001 | Yes |
| Plutonium-239/240 | 60 | 50 | <0.0001 | Yes |
| Uranium-234 | 71 | 60 | 0.0002 | Yes |
| Uranium-235 | 71 | 20 | 0.0028 | Yes |
| Uranium-238 | 72 | 20 | 0.0014 | Yes |
| Subsurface Soil | | | | • |
| Aluminum | 102 | 98 | 0.1594 | No |
| Arsenic | 103 | 99 | 0.0003 | Yes |
| Barium | 102 | 99 | 0.0677 | No |
| Cadmium | . 97 | 81 | 0.0284 | Yes |
| Chromium | 102 | 99 | 0.5645 | No |
| Iron | 102 | 99 | 0.9470 | No |
| Manganese | 102 | 99 | 0.6043 | No |
| Americium-241 | 95 | 28 | < 0.0001 | Yes |
| Plutonium-239/240 | 98 | 99 | < 0.0001 | Yes |
| Uranium-234 | 118 | 99 | <0.0001 | Yes |
| Uranium-235 | 99 | 99 | <0.0001 | Yes |
| Uranium-238 | 118 | 99 | < 0.0001 | Yes |

^{1.} Liner material was compared to surface soil background levels.

All 90% confidence intervals overlapped and support the decision to eliminate aluminum, arsenic, and barium as PCOCs. T-tests were also conducted for these three analytes using the log-transformed data. Results indicate that aluminum (P=0.199) and barium (P=0.073) are not greater than background at the 95 % confidence level. However, arsenic was

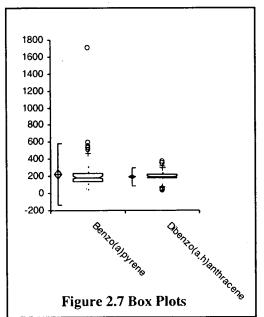
significantly higher than background, with P=0.0012. Arsenic was retained as a PCOC, and will be discussed in Section 2.8, Professional Judgement.

Cadmium and all radionuclides were also retained based on significant results greater than background using the non-parametric Mann-Whitney U-test. All other PCOCs were eliminated as PCOCs.

2.3.6 Application of Professional Judgement

The maximum concentrations for dibenz(a,h)anthracene and benzo(a)pyrene in surface soil are above the PRG screening levels for the WRW (Table 2.3). Table A-2 shows that there were 0 unqualified detections, 9 "J" qualified detections (estimated values), and 57 "U" qualified nondetections for dibenz(a,h)anthracene. Benzo(a)pyrene had 5 unqualified detections, 32 "J" results below the detection limit, and 30 nondetections. Figure 2.7 shows the box plots for these compounds. These compounds are members of the group of ubiquitous polyaromatic hydrocarbons (PAHs) that occur due to combustion, in engine exhaust and asphalt. There is no information suggesting that either compound was released due to activities at the SEP site.

The WRW PRG at 1E-06 for dibenz(a,h)anthracene is 0.348 mg/kg. The detection limit ranged from 0.330 to 0.740 mg/kg, with a mean of 0.413 mg/kg. The nine J-qualified



(estimated) values were below the detection limit and ranged from 0.038 to 0.21 mg/kg. The estimated values are all well below the PRG.

The WRW PRG at 1E-06 for benzo(a)pyrene is 0.348 mg/kg. The detection limit ranged from 0.330 to 0.740 mg/kg, with a mean of 0.411 mg/kg. The four detections ranged from 0.47 to 1.7 mg/kg. The 95UCL for benzo(a)pyrene, calculated using the bootstrap methodology discussed in Section 3.0, is 0.290 mg/kg, well below the PRG.

There is no pattern of contamination that suggests

these compounds are a result of a waste release; therefore, dibenz(a,h)anthracene and benzo(a)pyrene are not considered COCs.

Arsenic was determined to be significantly (0.05 level) greater than background in the 0.5-to-6-foot layer of subsurface soil by the nonparametric Mann-Whitney test and by an independent t-test on the log transformed data. A comparison of the 90% confidence limits indicated the populations overlap. Figure A-55 shows that the AOC results are all well below the maximum background result. The range for surficial soils of the western United States is 0.1 to 97 mg/kg with a geometric mean of 5.5 mg/kg and an arithmetic mean of 7 mg/kg (Shacklette and Boerngen 1984). The arithmetic means for subsurface soil in the SEP AOC and the background are 4.7 mg/kg and 3.6 mg/kg, respectively. Both are below the geometric and arithmetic means for the western US. The arithmetic 95UCLs are 5.3 mg/kg for the AOC and 4.9 mg/kg for background. The lognormal 95UCLs are 5.9 mg/kg for the AOC and 4.5 mg/kg for background. Arsenic concentrations in the surface soil and the liner materials were below background levels. The arsenic concentrations in the subsurface soil are considered to be well within the natural variation in soils and arsenic will not be carried on as a COC.

2.3.7 Data not Included in the COC Selection Process and Chemicals not in ALF or Without EPA Toxicity Values

Three data types included in the master data set were not used in the COC selection process as follows.

- Subsurface soil data with beginning depths greater than 6 feet (Tables A-9 to A-11, A-14, and A18);
- Subsurface soil data with null depth fields (Tables A-12, A-16, and A-20); and
- Data for all media that had irregular units (Tables A-21 to A-23).

The summary statistics table for data from greater than 6 feet (Table A-15) shows that the maximum values for the PCOCs aluminum, arsenic, iron, and manganese were higher than for the data from less than 6 feet. It is likely that this is due to geologic and soil weathering processes because the increases include the major soil constituents aluminum, iron, and, manganese. The maximum for arsenic increases from 15.5 mg/kg to 24.6 mg/kg. Both levels are much lower than the background maximum of 41.8 mg/kg. No organics in the greater-than-6-foot data had values greater than the PRG values.

The data with null depth fields were from only two locations (Figure 2.5) and included only organic analytes. No maximum values for this data exceeded the PRGs.

The third type of data excluded from the assessment was data with irregular units. Rather than make arbitrary changes to the units to what appear to be appropriate, it was decided to censor the data. The data do not indicate that any significantly high values are included (Tables A-21 to A-23).

Only compounds listed in ALF were assessed for the risk assessment, per agreement (DOE, EPA and CDPHE, 1996). All analytes listed in ALF (DOE, EPA, and CDPHE, 2000) had toxicity factors. Tables 2.15 through 2.17 list analyte with no PRGs in ALF.

Table 2.15. Solar Evaporation Ponds AOC Analytes in Liner Material With No PRG in ALF

| Analyte | CAS Number | Mean | Min | Max | Total Samples | Detection Frequency |
|---------------|------------|----------|----------|----------|---|------------------------|
| | | mg/kg | mg/kg | mg/kg | 27.77. 27.35.30 .35.3 3.33.33.33.2 | % |
| Calcium | 7440-70-2 | 1,832.80 | 832.00 | 2,660.00 | 15 | 100 |
| Cesium | 7440-46-2 | 2.06 | 0.43 | 7.70 | 15 | 80 |
| Magnesium | 7439-95-4 | 2,087.33 | 1,320.00 | 2,750.00 | 15 | 100 |
| Potassium | 7440-09-7 | 1,878.67 | 1,010.00 | 3,110.00 | 15 | 100 |
| Sodium | 7440-23-5 | 674.13 | 135.00 | 1,540.00 | 15 | . 100 |
| Thallium | 7440-28-0 | 0.48 | 0.37 | 0.96 | 15 | 7 |
| Titanium | 7440-32-6 | 407.00 | 322.00 | 468.00 | 3 | 100 |
| | | pCi/g | pCi/g | pCi/g | | |
| Cesium-134 | 13967-70-9 | 0.18 | 0.02 | 0.25 | 12 | 100 |
| Cesium-137 | 10045-97-3 | 0.12 | 0.07 | 0.17 | 12 | 100 |
| Plutonium-238 | 13981-16-3 | 0.01 | 0.01 | 0.02 | 6 | 100 |
| Strontium-89 | 14158-27-1 | 0.26 | 0.00 | 0.50 | 12 | 100 |
| Strontium-90 | 10098-97-2 | . 0.01 | -0.10 | 0.20 | 12 | 100 |

Table 2.16. Solar Evaporation Ponds AOC Analytes in Surface Soils With No PRG in ALF

| ALF | | | | | | | | |
|--|------------------------|-------|---------|--------|------------------|---------------------------------------|--|--|
| ANALYTE NAME | CAS NO | Mean | Min | Max | Total Samples | Detection Frequency | | |
| 1. XXX 12. XXX 8. XXX 1. XXX 1 | 11 000 000 000 000 000 | mg/kg | mg/kg | mg/kg | | % | | |
| Calcium | 7440-70-2 | 21691 | 109 | 248000 | 73 | 99 | | |
| Cesium | 7440-46-2 | 54.2 | 1.25 | 123.5 | 72 | 3 | | |
| Magnesium | 7439-95-4 | 2567 | 109 | 6500 | 73 | 99 | | |
| Potassium | 7440-09-7 | 2544 | 109 | 8310 | 73 | 99 | | |
| Silicon | 7440-21-3 | 3529 | 10.9 | 11300 | 61 | 98 | | |
| Sodium | 7440-23-5 | 525 | 46.7 | 3660 | 73 | 37 | | |
| Thallium | 7440-28-0 | 0.24 | 0.08 | 0.81 | 70 | 9 | | |
| Titanium | 7440-32-6 | 407 | 322 | 468 | 3 | 100 | | |
| | | μg/kg | μg/kg | μg/kg | | · · · · · · · · · · · · · · · · · · · | | |
| 9-Octadecenoic Acid (Z)- | 112-80-1 | 740 | 640 | 840 | 2 | 100 | | |
| 1,3-Dioxolane, 2,2-Dimethyl- | 2916-31-6 | 320 | 320 | 320 | 1 | 100 | | |
| 1-Methyl Naphthalene | 90-12-0 | 80 | 80 | 80 | 1 | 100 | | |
| 2,6-Di-Tert-Butyl-4-Methyl Phenol | 128-37-0 | 205 | 190 | 220 | 2 | 100 | | |
| 3-Penten-2-One | 625-33-2 | 6100 | 6100 | 6100 | 1 | 100 | | |
| 9,10-Anthraquinone | 84-65-1 | 210 | 210 | 210 | • 1 | 100 | | |
| 9-Hexadecenoic Acid | 2091-29-4 | 2000 | 2000 | 2000 | 1 | 100 | | |
| Benzo(Ghi)Perylene | 191-24-2 | 190 | 38 | 680 | 67 | 45 | | |
| Carbazole | 86-74-8 | 204 | 140 | 410 | 7 | 29 | | |
| Heptane, 2,5-Dimethyl- | 2216-30-0 | 150 | 150 | 150 | 1 | 100 | | |
| Hexatriacontane | 630-06-8 | 650 | 650 | 650 | 2 | 50 | | |
| N-Octacosane | 630-02-4 | 2300 | 2300 | 2300 | 1 | 100 | | |
| Nonacosane | 630-03-5 | 1100 | 1100 | 1100 | 1 . | 100 | | |
| Octane, 4-Methyl- | 2216-34-4 | 190 | 190 | 190 | 1 | 100 | | |
| O-Fluorophenol | 367-12-4 | 1200 | 1200 | 1200 | 1 | 100 | | |
| Palmitic Acid | 57-10-3 | 833 | 260 | 1500 | 10 | 80 | | |
| Pentadecane · | 629-62-9 | 170 | 170 | 170 | 1 | 100 | | |
| Pentatriacontane | 630-07-9 | 1800 | 1800 | 1800 | 1 | 100 | | |
| Phenanthrene | 85-01-8 | 282 | 37 | 2700 | 67 | 66 | | |
| Propanoic Acid, 2-Hydroxy-2- | 594-61-6 | 1100 | 1100 | 1100 | 1 | 100 | | |
| Tetratetracontane | 7098-22-8 | 1667 | 1600 | 1700 | 3 | 67 | | |
| | | pCi/g | pCi/g | pCi/g | | | | |
| Cesium-134 | 13967-70-9 | 0.02 | -0.239 | 0.15 | 55 | 18 | | |
| Cesium-137 | 10045-97-3 | 0.15 | -0.0323 | 0.79 | 67 | 40 | | |
| Radium-226 | 13982-63-3 | 1.14 | 0.32 | 10.76 | 47 | 94 | | |
| Radium-228 | 15262-20-1 | 1.77 | 0.49 | 16 | 51 | 94 | | |
| Strontium-89,90 | 11-10-9 | 0.36 | -0.16 | 1.5 | 63 | 63 | | |

Table 2.17 Solar Evaporation Ponds Subsurface Analytes With No PRG in ALF

| | | | | | Total + | Detection |
|---------------------------------|------------|--------|--------|---------|---------|-----------|
| Analyte Name | CAS NO | Mean | Min | Max | Samples | Frequency |
| | | 1 | | | • | . (%) |
| | | mg/kg | mg/kg | mg/kg | | % |
| Calcium | 7440-70-2 | 38,220 | 706 | 32,5000 | 102 | 100 |
| Magnesium | 7439-95-4 | 2,587 | 703 | 6,460 | 102 | 100 |
| Potassium | 7440-09-7 | 2,711 | 66 | 21,100 | 103 | 92 |
| Silicon | 7440-21-3 | 2,608 | 360 | 14,000 | 55 | 98 |
| Sodium | 7440-23-5 | 1,466 | 100.5 | 10,200 | 102 | 61 |
| Sulfide | 18496-25-8 | 5.5 | 1 | 18.6 | 61 | . 8 |
| Thallium | 7440-28-0 | 0.28 | 0.024 | 1.25 | 98 | 4 |
| Titanium | 7440-32-6 | 258 | 118 | 464 | 7 | 100 |
| | | ug/kg | ug/kg | ug/kg | | |
| 1,2,3-Trimethylbenzene | 526-73-8 | 700 | 700 | 700 | 1 | 100 |
| 1-Octanol | 111-87-5 | 600 | 600 | 600 | 1 | 100 |
| 2-Pentanone, 4-Hydroxy-4-Methyl | 123-42-2 | 77,143 | 10,000 | 100,000 | 7 | 86 |
| Ethyl Acetate | 141-78-6 | 1,000 | 1,000 | 1,000 | 1 | 100 |
| Lauric Diathanolamide | 120-40-1 | 5,125 | 1,000 | 8,000 | 8 | 100 |
| Myristic Acid | 544-63-8 | 900 | 900 | 900 | 1 | 100 |
| N-Dodecane | 112-40-3 | 1,260 | 300 | 2,000 | 5 | 80 |
| N-Hexadecane | 544-76-3 | 700 | 400 | 1,000 | 2 | 100 |
| N-Tetradecane | 629-59-4 | 2,750 | 2,000 | 3,000 | 4 | 75 |
| N-Undecane | 1120-21-4 | 1,667 | 1,000 | 2,000 | 3 | 100 |
| Octametylcylotetrasiloxane | 556-67-2 | 1,567 | 400 | 2,000 | 6 | 83 |
| Palmitic Acid | 57-10-3 | 290 | 290 | 290 | 1 | 100 |
| Pentadecane | 629-62-9 | 1,350 | 300 | 2000 | . 6 | 83 |
| Phenanthrene | 85-01-8 | 211 | 25 | 395 | 27 | 11 |
| Sec-Octylbromide | 557-35-7 | 2,000 | 2,000 | 2000 | 1 | 100 |
| Tridecane | 629-50-5 | 4,000 | 4,000 | 4000 | 1 | 100 |
| Undecane, 2,6-Dimethyl- | 17301-23-4 | 1,000 | 1,000 | 1000 | 1 | 100 |
| | | pCi/g | pCi/g | pCi/g | | |
| Cesium-134 | 13967-70-9 | 0.04 | -0.04 | 0.15 | 61 | 34 |
| Cesium-137 | 10045-97-3 | 0.03 | -0.018 | 0.42 | 82 | 11 |
| Radium-226 | 13982-63-3 | 1.57 | 0.48 | 9.28 | 73 | 96 |
| Radium-228 | 15262-20-1 | 1.53 | 0.6438 | 3.9 | 77 | 95 |
| Strontium-89,90 | 11-10-9 | 0.18 | -0.6 | 0.74 | 88 | 69 |
| Strontium-90 | 10098-97-2 | 0.14 | -0.5 | 2.6 | 11 | 9 |
| Tritium | 10028-17-8 | 0.81 | 0.58 | 3 | 18 | 72 |

2.3.8 Contaminants of Concern

Final COCs were selected for the SEP based on all previously discussed data evaluation and screening processes. The final COCs were evaluated in the quantitative risk assessment to determine the potential impacts to receptors in each exposure scenario. Results of the COC screening for organics, metals, and radionuclides are summarized in Tables 2.18 through 2.20.

Surface Soil

Table 2. 18 summarizes COCs selected for surface soil. Selected COCs are, cadmium, chromium, americium-241, plutonium-239/240, uranium-234, uranium-235, and uranium-238.

Liner Materials

Table 2.19 summarizes COCs in liner material. All metals were eliminated as COCs. The selected COCs are americium-241, and uranium-235. The COCs had lower concentrations than the surface and subsurface soils.

Subsurface Soils

Table 2.11 summarizes COCs selected for subsurface soils. Selected COCs were cadmium, americium-241, plutonium-239/240, uranium-234, uranium-235, and uranium-238.

Table 2.18 COC for Surface Soil

| ANALYTE | CAS NO | Total Samples | Detection Frequency (%) |
|-------------------|------------|---------------|-------------------------------|
| Cadmium | 7440-43-9 | 73 | 59 |
| Chromium | 7440-47-3 | 73 | 97 |
| Americium-241 | 14596-10-2 | 69 | 100 |
| Plutonium-239/240 | 10-12-8 | 60 | 100 |
| Uranium-234 | 11-08-5 | 71 | 100 |
| Uranium-235 | 15117-96-1 | 71 | 76 |
| Uranium-238 | 7440-61-1 | 72 | 100 |

Note:

1. Calculated using bootstrap resampling methodology.



Table 2.19. COC Liner Material

| ANALYTE | CAS NO | Total Samples | Detection Frequency (%) |
|---------------|------------|---------------|-------------------------------|
| Americium-241 | 14596-10-2 | 15 | 60 |
| Uranium-235 | 15117-96-1 | 15 | 67 |

Note:

1. Calculated using bootstrap resampling methodology.

Table 2.20. COC for Subsurface Soil

| ANALYTE | CAS NO | Total Samples | Detection Frequency (%) |
|-------------------|------------|---------------|-------------------------------|
| Cadmium | 7440-43-9 | 97 | 30 |
| Americium-241 | 14596-10-2 | 95 | 86 |
| Plutonium-239/240 | 10-12-8 | 98 | 83 |
| Uranium-234 | 11-08-5 | 236 | 50 |
| Uranium-235 | 15117-96-1 | 99 | 72 |
| Uranium-238 | 7440-61-1 | 118 | 97 |

Note: 1. Calculated using bootstrap resampling methodology.

3.0 EXPOSURE ASSESSMENT

This section discusses the exposure scenarios evaluated in the HHRA; presents exposure point concentrations, calculated for each COC in each exposure medium and exposure area; and describes the methodology and exposure parameters used to quantify contaminant intake for each exposure pathway.

3.1 FUTURE ON-SITE LAND USE

Future on-site land use at RFETS includes environmental restoration, decontamination and decommissioning, and transfer of jurisdiction to the U.S. Fish and Wildlife Service for use as a wildlife refuge, in accordance with the Rocky Flats National Wildlife Refuge Act of 2001. The federal government will be responsible for conducting future environmental monitoring activities at the site. The refuge is currently envisioned to have minimal maintenance following remediation, but; however, refuge workers are assumed to be present on-site for most of the year and engaged in refuge maintenance and ecological work activities. Ecological surveys performed in compliance with the Threatened and Endangered Species Act indicate the presence of habitat that is potentially suitable for protected plant and animal species, such as the Preble's Meadow Jumping Mouse. Residential development is not considered a foreseeable future land use scenario and was not included in the risk assessment.

3.2 EXPOSURE PATHWAYS AND RECEPTORS

A complete exposure pathway requires a chemical source, chemical release mechanism, environmental transport medium, exposure point, and human intake route. If one of these elements is lacking, the pathway is incomplete and no human exposures can occur. Exposure to groundwater is an example of an incomplete pathway for the WRW. Incomplete pathways were not evaluated in the HHRA. Exposure pathways selected for quantitative evaluation in the HHRA are listed below.

Future On-Site WRW

This WRW is primarily exposed to incidental ingestion of surface water, soil, and sediments; inhalation of volatiles and particulates; and external exposure to beta and gamma radiations from radionuclides present in surface soil. The worker is also exposed to subsurface materials during limited digging activities and dermal contact with surface and subsurface soil.

The scenario assumes that the WRW will be located in an office on an uncontaminated site 50 percent of each day during a standard work week of 5 days per week. The remaining time will be spent outdoors across the Site with an emphasis near the watershed areas. It is assumed that this receptor will be exposed to residual contaminants in the IA as well as all other on-site locations following remediation. The WRW will conduct some percentage of fieldwork that will result in exposure to residual contaminated surface soil, subsurface soil, sediments, and surface water. Figure 3-1 shows the site conceptual model of potential human exposure pathways for the WRW. The site conceptual model is a schematic representation of the chemical sources, chemical release mechanisms, environmental transport media, human intake routes, and human receptors for the SEPs. The site conceptual model is used to identify the complete exposure pathways for quantitative risk assessment and to identify pathways that are incomplete or do not warrant quantitative assessment because they would not contribute measurably to the estimate of overall risk. Significant complete exposure pathways identified that apply to the SEP AOC are²:

- Inhalation of airborne surface soil particulates
- Incidental ingestion of surface soils
- Incidental ingestion of subsurface soils
- Dermal exposure to surface soils
- External radiation exposure

Insignificant Pathways

The following exposure pathways are incomplete for the SEP AOC, and were not quantitatively addressed in this risk assessment:

- Ingestion of fish in RFETS surface waters is an incomplete exposure pathway; there are no surface waters at SEPs, and because fishing is prohibited;
- Ingestion of livestock is an incomplete pathway; beef ingestion will not occur under the wildlife refuge land use;
- Groundwater direct exposure pathways are incomplete; the shallow groundwater is not sufficiently productive for domestic well production;
- Inhalation of VOCs released to outdoor air through volatilization from soil is an incomplete pathway; no VOCs were included as COCs;

² Incidental ingestion of surface water and incidental ingestion of sediments are not complete pathways in the SEP AOC, but are in other areas of RFETS.

- Ingestion of homegrown produce is an incomplete pathway; gardening will not occur under wildlife refuge land use; and
- Dermal contact with surface water and sediments are considered complete for other areas of RFETS, but are not significant in the SEP AOC.

Wildlife Refuge Worker Exposure Pathways

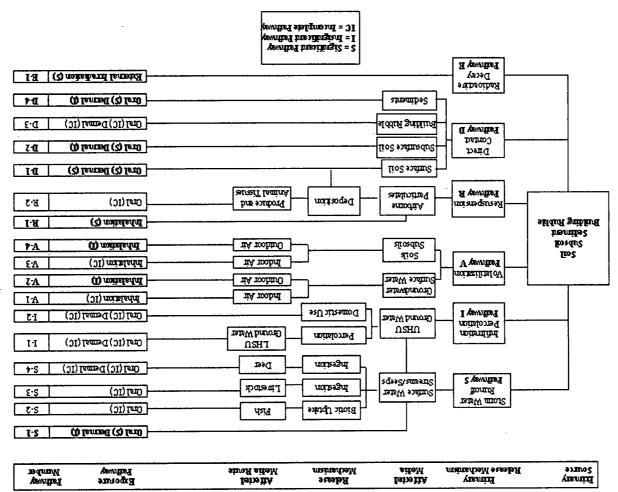


Figure 3.1 WRW Site Conceptual Model

3.3 EXPOSURE SCENARIOS

The WRW exposure scenario was used in this risk assessment based on identification of likely long-term on-site land use, potential receptors, and the site conceptual model. The site conceptual model (Figure 3.1) includes surface exposure via inhalation, ingestion, dermal contact, and external radiation exposure, and exposure to ingestion of potentially contaminated surface water resulting from sediment transport and groundwater transport. Off-site receptors were not evaluated in this HHRA, but will be addressed in the Site CRA that will evaluate potential cumulative impacts to offsite receptors from all sources at RFETS. Specific scenario parameters used in this HHRA are listed in Tables 3.1 and 3.2. Exposure parameters and assumptions are similar to RSALS Task 3 with the exceptions discussed below.

The WRW scenario has no indoor component. This is consistent with statements by DOE and the U.S Fish and Wildlife Service that no office buildings will be built in contaminated areas. It is assumed that workers will spend 50 percent of their work time (4 hours per day) outdoors on the Site. The other 50 percent of their work time will be spent in an office in an uncontaminated area. Select WRW exposure variables are described as follows:

• It has been agreed with the regulatory agencies to use an area use factor (AUF) of 1 for the main risk assessment. Alternative risk estimates will be presented in Section 5.4 on uncertainties influencing the risk estimates. The risk managers can use this discussion in the decision-making process.

Table 3.1. Surface Soil Exposure Factors for the Wildlife Refuge Worker

| | | | Point | Sources |
|-------------------------------------|----------|----------|----------|---|
| Exposure Variable | Acronym | Units | Estimate | |
| Body Weight | BW | kg | 70 | EPA default |
| Exposure time | ET | hr/day | . 4 | RSALS Task |
| Exposure time fraction, outdoors | ETo | unitless | 1 | No Building |
| Area Use Factor | AUF | unitless | 1 | AOC area/EU area |
| Exposure frequency | EF | day/yr | 230 | EPA default: 250 d/yr - 20 d/yr for subsurface exp. |
| Exposure duration | ED | yr | 18.7 | RSALS Task 3 |
| Events per day | ΕV | er/d | 1 | Unit correction |
| Carcinogenic Averaging Time | ATc | days | 25550 | 70 yr. x 365 days/yr |
| Noncarcinogenic Averaging Time | ATn | days | 6826 | 18.7 yr. x 365 days/yr |
| Hourly inhalation rate | IR_h | m3/hr | 1.3 | RSALS Task 3 |
| Mass loading | ML | kg/m3 | 2.12E-08 | 50th percentile of RSALS distibution |
| Site-specific PEF based on ML | PEF | m3/kg | 47169811 | 1/ML |
| Soil ingestion rate | IR_s | mg/day | 100 | EPA default |
| Dermal Adherance Factor | AF_d | mg/cm2 | 0.1 | EPA, 2001 |
| Surface Area of Exposed Skin - Soil | SA_s | cm2 | 4260 | EPA, 1997 |
| Area Weighting Factor-Pond liners | AWFpI | unitless | 0.2 | SEP area/AOC area |
| Area Weighting Factor-Soils | AWFs | unitless | 0.8 | Surface soil area/AOC area |
| Gamma exposure factor (annual) | EF/365 | unitless | 0.63 | EF/365 |
| Gamma exposure factor (daily) | ET/24 | unitless | 0.17 | ET/24 per Rags Part B (EPA, 1991) |
| Gamma shielding factor | (1 - Se) | unitless | 1 | EPA, 1991, set to 1 |

Table 3.2. Subsurface Soil Exposure Factors for the Wildlife Refuge Worker

| Wildlife Refuge Worker Exposure Variable | Acronym | Units | Point Estimate | Sources |
|---|----------|----------|-------------------|--------------------------------------|
| Body Weight | BW | kg | 70 | EPA default |
| Exposure time outdoors | ET | hr/day | 4 | RSALS Task 3 |
| Area Use Factor | AUF | unitless | .1 | AOC area/EU area |
| Exposure frequency | EF | day/yr | 20 | WLRWs in RMA survey, 1990. |
| Exposure duration | ED | · yr | 18.7 | RSALS Task 3 |
| Events per day | EV | er/d | 1 | Unit correction |
| Carcinogenic Averaging Time | ATc | days | 25550 | 70 yr. x 365 days/yr |
| Noncarcinogenic Averaging Time | ATn | days | 6826 | 18.7 yr. x 365 days/yr |
| Hourly inhalation rate | IR_h | m3/hr | 1.3 | RSALS Task 3 |
| Mass loading | ML | kg/m3 | 2.12E-08 | 50th percentile of RSALS distibution |
| Site-specific PEF based on ML | PEF | m3/kg | 47169811 | 1/ML |
| Soil ingestion rate | IR_s | mg/day | 100 | EPA default |
| Dermal Adherance Factor | AF_d | mg/cm2 | 0.1 | EPA, 2001 |
| Surface Area of Exposed Skin - Soil | SA_s | cm2 | 4260 | EPA, 1997 |
| Gamma exposure factor (annual) | EF/365 | unitless | 0.05 | EF/365 |
| Gamma exposure factor (daily) | ET/24 | unitless | 0.17 | ET/24 per Rags Part B (EPA, 1991) |
| Gamma shielding factor | (1 - Se) | unitless | 1 | EPA, 1991 |

The AUF is the ratio of the AOC area to the minimum anticipated area of the WRW EU for the CRA. WRWs are expected to spend 100 percent of their time in an area equal to the EU area. If the AOC has an area less than the EU, equal to B, then workers will spend a portion of their time in the AOC, which will be equal to B/EU. The AUF is used to normalize exposure based on area.

In discussions with the regulatory agencies, it was agreed that the smallest EU size to be used in the CRA would be 133 acres, based on data from a survey conducted for the



Rocky Mountain Arsenal (Appendix B, Table B-1). This is a conservative estimate of the EU area. Other estimates from the survey data are approximately 450 acres and the area used for the RSALS was 300 acres. The area for the AOC is 33.3 acres. Therefore, the AUF equals 33.3/133 or 0.25, representing the approximate portion of the WRW's outdoor worktime that would be spent in the AOC. That this factor significantly affects the risk estimates. Risk calculations using this AUF are presented in the uncertainty section (Section 5.4).

- A central tendency mass loading (ML) value was used to estimate risk via inhalation over the 18.7-year exposure period. The RSALS Task 3 calculations used an upper 95th percentile value. This is appropriate for conservative action levels or PRGs. Risk assessments are forward-looking, long-term evaluations of risk and are based on a mixture of high-end and central tendency factors. The site average annual ML from CDPHE monitoring data is 11.8 micrograms per cubic meter (μg/m³). The 95th percentile value for the distribution developed for the RSALS Task 3 is 67 μg/m³. This value is extremely high for use in a long-term exposure assessment. Therefore, the 50th percentile value, 21.2 μg/m³, from the same distribution was chosen for this risk assessment. Alternative risk estimates will be presented in the uncertainty section, including all three ML estimates for use by the risk managers.
- The same ML factor was used for subsurface exposures due to small excavations such as posthole digging or tail improvement. This is a reasonable estimate, considering the expected level of activities. A specific factor will be developed for the CRA through the consultative process with the regulatory agencies.
- An area weighting factor (AWF) was used for the calculation of exposures to the pond liners and surface soil in the AOC. The AWF is based on the surficial area of the AOC covered by the liners and surface soil. WRWs will be exposed to the entire surface area of the AOC. Their exposure to the liners and surface soil will be proportional to the area covered by each. Use of the AWF allows the apportionment of risk between the soil and liners. This information will be helpful to the risk managers in making informed decisions. If the AWF is not used it must be assumed that the WRWs will spend 100 percent of their time on the soil and 100 percent on the liners, which is not possible. The area of the AOC is 33.3 acres, and the areas of the surface soil and liners are 27.2 and 6.1 acres respectively (Appendix B, Table B-2). The AWF for surface soil is 27.2/33.3 = 0.817, and the AWF for the liner is 6.1/33.3 = 0.183. These values were rounded to 0.8 and 0.2, respectively, for the risk assessment (Table 3.1).
- The value for the daily gamma-exposure time factor, often abbreviated as Te_d, was calculated as exposure time (ET)/24 based on EPA guidance (EPA 1991). In revisions to Chapter 4 of Risk Assessment Guidance for Superfund (RAGS) Part B (EPA 1993), it is stated that, "The default value for workers discussed in Section 4.4.2 and used in Equation (13) under commercial/industrial soil exposure scenario, has been changed from 1 to 0.3. Te is the ratio of the number of hours an individual is exposed to an external gamma radiation source per day to the total hours in a day, 24. This is the result of the external slope factors being calculated for a 24- hour per day residential exposure. For workers, the exposure time is assumed to be 8 hours each day, resulting in a Te value of

8/24 = 0.3." The value for the WRW is ET/24 = 4/24 = 0.17. This factor has been used in the risk calculations for the WRW.

- The gamma-shielding factor was set to 1 for calculation of external radiation risks to the WRW. Federal Guidance Report No. 12 (EPA 1993) recommends the use of a shielding factor for outdoor exposures. The effect of the use of a shielding factor is shown and discussed in the uncertainty section (Section 5.4).
- Based on EPA 2001 guidance, a weighted soil dermal adherence factor (AF_d) of 0.1 was used. This was based on the upper 95% value for a groundskeeper and a geometric mean for a commercial gardener.

3.4 EXPOSURE POINT CONCENTRATIONS

The exposure point concentration of a COC in a sampled medium is usually the 95UCL on the arithmetic mean, assuming normality. The arithmetic mean is a statistically robust estimator, even when normality assumptions are not met (Gilbert 1987). The 95UCL on the mean is a conservative estimate of the average concentration to which people would be exposed over time in the exposure area. If the maximum detected COC value is below the 95UCL, the maximum concentration is usually used as the exposure point concentration. When data distributions are demonstrated to be lognormal, a geometric mean and 95UCL are calculated using log-transformed data. When distributions are found to be neither normal nor lognormal, lognormality is often assumed and the data transformed to calculate the exposure concentration. Problems arise with this procedure when data are not lognormally distributed. In addition, contaminant concentrations in soil at contaminated sites can often appear to be lognormally distributed due to non-detections and outliers or the data may be from more than one population (EPA 1997, State of Alaska 2001).

Guidance and literature for calculating exposure point concentrations have been reviewed. A methodology has been adopted for this HHRA to determine 95UCLs using a nonparametric probabilistic resampling methodology when data are not normally or lognormally distributed. The bootstrap method has been used to calculate the concentration term for estimating risk as presented in EPA guidance, Calculating Exposure Point Concentrations at Hazardous Waste Sites (EPA 2002a). This method was chosen because some SEP data have unknown distributions and lognormal distributions for radionuclides have inherent technical difficulties due to zero and negative concentrations and large variances.

The commercially available statistics program S-Plustm was used for the bootstrap calculations. The technique avoids difficulties associated with empirically determining the shape of the observed distribution because it has no distributional assumptions. Resampling

techniques provide estimates of the mean and variance for any distribution regardless of the specific shape. The method is discussed in detail in Appendix D of EPA's Process for Conducting Probabilistic Risk Assessment (1999). It has been shown that bootstrap methods "...perform substantially better, sometimes orders of magnitude better, in estimating the 95UCL of the mean from positively skewed datasets..." than other methods (EPA, 1999). Estimates derived for this risk assessment were developed using 1,000 resampling events.

Distributions for all PCOCs were discussed previously in Section 2.3.5. Most liner and surface soil PCOCs had non-parametric distributions. However, most non-radiological subsurface soil distributions were lognormal. All PCOCs were compared to background by using the appropriate test based on evaluation of both SEP and background distributions. Following the background comparison and professional judgement screens, final COCs were selected to quantify risk to the WRW. Some COCs had lognormal distributions and UCLs were calculated based on standard lognormal statistical methods (Gilbert 1987; EPA 2002). Arsenic in surface soil was the only COC with an observed distribution assigned as normal. Lognormality was assumed for all final COCs in liner material based on direction from EPA, Region 9 and CDPHE to assume lognormality for all data sets with less than 30 samples. This assumption also applies to the surface soil background data set that currently contains 20 observations. Statistical testing of final COC distributions showed that many are actually neither normal nor lognormal and non-parametric methods are appropriate (EPA 2002).

The exposure point concentrations for COCs in surface soils, liner materials, and subsurface soils are presented in Table 3.3. The exposure concentrations in surface soil were used to estimate health risks associated with soil ingestion, inhalation of particulates, external irradiation, and dermal contact by a WRW. Subsurface soil concentrations were used to estimate health risks as a result of digging activities.

Americium-241 and uranium-235 are final COCs present in liner materials (Table 3.3). A lognormal distribution was assumed for americum-241 due to a small sample size. Test results for americum-241 indicated a non-parametric distribution based on mixed positive results for normality and consistent negative results for lognormality. The resulting lognormal UCLf or americium 241 was 10,633 pCi/g, greatly exceeding the maximum detected concentration of 8.1 pCi/g by orders of magnitude. The extreme exceedance of the americum-241 UCL above the maximum detected concentration indicated that the assumption of lognormality is not valid. The sensitivity of the H Land statistic to assumptions of lognormality has been widely documented (Gilbert, 1987; EPA, 1997; EPA,



2002). The maximum concentration of 8.1 pCi/g was therefore used to calculate risk. The remaining COC in liner material was uranium-235, which did exhibit a lognormal distribution and the resulting UCL of 0.21 pCi/g was below the maximum detected concentration of 0.27 pCi/g, as expected. The lognormal UCL for uranium-235 was therefore used to quantify risk estimates.

Table 3.3. Exposure Point Concentrations for Solar Evaporation Ponds Human Health Risk Assessment¹.

| Analyte* | Maximum | Mean | 95% UCL ² | 95% UCL |
|--------------------|----------|--|----------------------|--|
| | Detect | · C# · · · · / / · · · · · · / · · · · · · | 79 M. 72 | * * * * * * * * * * * * * * * * * * * |
| | mg/kg or | mg/kg or | mg/kg | pCi/g |
| | pCi/g | pCi/g | | |
| Pond Liner Materia | 1 | Section S | | |
| Americium-241 | 8.19 | 0.16 | | 10,633 |
| Uranium-235 | 0.27 | 0.101 | 0.095 | 0.21 |
| Surface Soil | | | | |
| Cadmium | 382 | 20.1 | 38.1 | |
| Chromium | 120 | 20.3 | 24.8 | |
| Americum-241 | 130 | 9.11 | | 14.7 |
| Plutonium-239/240 | 56 | 4.19 | | 6.1 |
| Uranium-234 | 63.4 | 4.16 | 0.001 | 6.5 |
| Uranium-235 | 2.3 | 0.19 | 0.13 | 0.29 |
| Uranium-238 | 27 | 2.73 | 11.3 | 3.77 |
| Subsurface Soil | | | | |
| Cadmium | 547 | 1.11 | 9.6 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Americum-241 | 6.1 | 0.487 | | 0.69 |
| Plutonium-239/240 | 19.78 | 0.639 | | 1.20 |
| Uranium-234 | 21 | 2.92 | 0.0006 | 3.65 |
| Uranium-235 | 0.87 | 0.125 | 0.071 | 0.153 |
| Uranium-238 | 11.46 | 1.36 | 0.99 | 2.14 |

⁽¹⁾ The 95% UCL was used as the exposure point concentration for all COCs, except for americium-241 in the pond liner for which the maximum was used.

All COCs in surface soil had non-parametric distributions and therefore these UCLs were calculated using the non-parametric Bootstrap method as reported in Table 3.3.

⁽²⁾ The 95UCL concentrations for mineral uranium were calculated from the 95UCL for the isotopes.

Final COCs in subsurface soils included cadmium, americum-241, plutonium-239, uranium-238, uranium-235, and uranium-234 (Table 3.1). Cadmium and uranium-238 both exhibited lognormal distributions and log-transformed data was used to derive UCLs of 9.6 ppm and 2.1 pCi/g respectively. Both log UCLs were well below maximum detected concentrations and were used to calculate risk estimates. All other COCs in subsurface soils were radionuclides with non-parametric distributions. The Bootstrap method was used to derive UCL estimates for COCs with non-parametric distributions reported in Table 3.1.

3.5 INTAKE CALCULATIONS

Intake is a measure of exposure expressed as the mass of a substance in contact with the exchange boundary per unit body weight per unit time (EPA 1989a). Chemical intake is expressed in terms of milligram (mg) chemical ingested, inhaled, or dermally absorbed per kilogram of body weight per day (mg/kg-day). Intake of radionuclides is expressed in units of picocuries (pCi) total intake to the receptor. Intakes are estimated following EPA RAGS (1989) and are based on reasonable estimates of body weight, inhalation volume, ingestion rates, soil matrix effects, frequency and duration of exposure, and estimated contaminant concentrations. Exposure factors are presented in Tables 3.1 and 3.2 for workers exposed to surface and subsurface soil, respectively.

The general equation for calculating chemical intake, in terms of mg/kg-day, is:

Intake = (<u>chemical concentration</u>)(<u>contact rate</u>)(<u>exposure frequency</u>)(<u>exposure duration</u>) (Equation 3.1) (body weight)(averaging time)

With units of: mg/kg-day = (mg/volume or mass)(volume or mass/day)(day/year)(year)(kg)(day)

Intake of radionuclides was calculated using equations similar to those for calculating intake of chemicals. Intake of radionuclides by either ingestion or inhalation is a function of radionuclide concentration, intake rate (or the amount of potentially contaminated medium contacted per unit time or event), and exposure frequency and duration. However, for radionuclides, averaging time and body weight are excluded from intake equations.

Table 3.4 presents the intake equations for each pathway evaluated in the risk assessment. The equations are based on standard EPA guidance. Tables 3.5 and 3.6 present the chemical intakes for all COCs, media, and exposure pathways.

Table 3.4 Intake equations for the WRW

Wildlife Refuge Worker Scenario¹

Risk Equations - Radionuclides

Inhalation Risk = CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF) x 1000 x SFi

Ingestion Risk = CSs x IR_s x EF x ED x AWF x AUF x 0.001 x SFo

External Radiation Risk = CSs x ED x EF/365 x ET/24 x AWF x AUF x SFe

Risk Equations - Inorganics and Organics

Inhalation Risk = [(CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF))/(BW x ATc)] x SFinh
Ingestion Risk = [(CSs x IR_s x EF x ED x AWF x AUF x 0.000001)/(BW*ATc)] x SFo

Dermal Risk = [(CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001)/(BW x ATc)] x SFo

Noncarcinogenic Hazard Quotient Equations Inorganics and Organics

Inhalation HQ = (CSs x IR_h x ET x EF x ED x ETo x AWF x AUF x (1/PEF))/(BW x ATn x RfDi)

Ingestion HQ =(CSs x IR_s x ED x EF x AWF x AUF x 0.000001)/(BW x ATn x RfDo)

Dermal HQ = (CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001)/(BW x ATn x RfDo)

| CSs | Concentration in soil | mg/kg or pCi/g | |
|----------|-------------------------------------|------------------------|----------|
| IR_h | Hourly inhalation rate | m3/hr | |
| IR_s | Soil ingestion rate | mg/day | · |
| ET | Exposure time | hr/day | |
| EF | Exposure frequency | day/yr | ļ |
| ED | Exposure duration | yr | |
| ETo | Exposure time fraction, outdoors | unitless | Set to 1 |
| ΕV | Events per day | ev/d | Set to 1 |
| AWF | Area Weighting Factor | unitless | |
| AUF | Area Use Factor | unitless | Set to 1 |
| EF/365 | Gamma exposure factor (annual) | unitless | • |
| ET/24 | Gamma exposure factor (daily) | unitless | |
| PEF | Site-specific PEF based on ML | m3/kg | |
| SA_s | Surface Area of Exposed Skin - Soil | cm ² | |
| AF_d | Dermal Adherance Factor | mg/cm ² -ev | |
| DAF | Dermal Absorption Fraction | unitless | |
| SFinh | Inhalation slope factor | (2) | |
| SFo | Oral slope factor | (2) | - |
| SFe | External radiation slope factor | (2) | |
| BW | Body Weight | kg | |
| ATc | Carcinogenic Averaging Time | days | |
| ATn | Noncarcinogenic Averaging Time | days | |
| RfDi | Inhalation reference dose | (mg/kg-day) | |
| RfDo | Inhalation reference dose | (mg/kg-day) | |
| ACF | Area correction factor | unitless | |
| (1 - Se) | Gamma shielding factor | unitless | Set to 1 |

- 1. Based on the wildlife refuge worker scenario developed by the RSALS Working Group.
- 2. Slope factors for inorganic and organic COCs are in units of (mg/kgday)⁻¹.

Slope factors for radionuclides inhalation and ingestion exposures are in units of risk/pCi.

Slope factors for External Exposures are in units of risk/yr per pCi/g.



Table 3.5 Intakes for the Wildlife Refuge Worker from Surface Soil and Liner Material at the SEPs

| coc | Carcinog | Carcinogenic Intakes from Surface Soil (mg/kg-day) | | | | | |
|-------------------|------------|---|-----------------|-------------|---------------------|--|--|
| | Inhalation | Ingestion | Dermal | External | Intake ^c | | |
| Cadmium | 8.07E-09 | а | a | NA | 8.1E-09 | | |
| Chromium | 5.27E-09 | а | а | NA | 5.3E-09 | | |
| | Non-Carcin | ogenic Intakes fr | om Surface Soil | (mg/kg-day) | | | |
| Cadmium | 3.02E-08 | 2.74E-05 | 1.17E-04 | NA | 1.44E-04 | | |
| Chromium | 1.97E-08 | 1.79E-05 | 7.62E-05 | NA | 9.41E-05 | | |
| Uranium-234 | а | 7.54E-10 | 3.21E-09 | NA NA | 3.97E-09 | | |
| Uranium-235 | а | 9.62E-08 | 4.10E-07 | NA | 5.06E-07 | | |
| Uranium-238 | a | 8.11E-06 | 3.46E-05 | NA | 4.27E-05 | | |
| | Radiation | Radiation Intakes from Surface Soil (pCl/g or yr-pCl/g) | | | | | |
| Americium-241 | 5.59E+00 | 5.07E+03 | · NA | 2.32E+01 | 5.1E+03 | | |
| Plutonium-239/240 | 2.30E+00 | 2.09E+03 | NA | 9.53E+00 | 2.1E+03 | | |
| Uranium-234 | 2.48E+00 | 2.25E+03 | NA | 1.03E+01 | 2.3E+03 | | |
| Uranium-235 | 1.09E-01 | 9.93E+01 | NA | 4.53E-01 | 9.9E+01 | | |
| Uranium-238 | 1.43E+00 | 1.30E+03 | NA | 5.93E+00 | 1.3E+03 | | |
| | Carcinog | jenic Intakes from | n Pond Liner (m | g/kg-day) | | | |
| b | b | b | b | b | b | | |
| | Non-Carcin | ogenic Intakes fr | om Pond Liner | (mg/kg-day) | | | |
| Uranium-235 | а | 1.40E-08 | 1.39E-11 | NA | 1.40E-08 | | |
| | Radiation | | | | | | |
| Americium-241 | 2.93E-01 | 2.66E+02 | NA | 1.21E+00 | 2.7E+02 | | |
| Uranium-235 | 1.59E-02 | 1.44E+01 | NA · | 6.58E-02 | 1.4E+01 | | |

Notes

NA. Not applicable

Table 3.6 Intakes for Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material at Solar Ponds

| сос | Carcinogenic Intakes from Subsurface Soil (mg/kg-day) | | | | Total |
|-------------------|---|----------------------|-----------------------|------------|----------|
| | Inhalation | Ingestion | Dermal | External | intake |
| Cadmium | 4.65E-10 | a | a | NA | 4.6E-10 |
| | Non-Carci | nogenic Intakes from | n Subsurface Soil (ı | ng/kg-day) | |
| Cadmium | 1.74E-09 | 1.58E-06 | 6.72E-06 | NA | 8.30E-06 |
| Uranium-234 | a | 4.57E-11 | 1.95E-10 | NA | 2.41E-10 |
| Uranium-235 | a | 5.55E-09 | 2.36E-08 | NA | 2.92E-08 |
| Uranium-238 | a | 8.46E-08 | 3.60E-07 | NA | 4.45E-07 |
| | Radiatio | n Intakes from Subst | urface Soil (pCl/g or | yr-pCl/g) | |
| Americium-241 | 2.85E-02 | 2.59E+01 | NA | 1.18E-01 | 2.6E+01 |
| Plutonium-239/240 | 4.96E-02 | 4.50E+01 | NA | 2.06E-01 | 4.5E+01 |
| Uranium-234 | 1.50E-01 | 1.36E+02 | NA | 6.23E-01 | 1.4E+02 |
| Uranium-235 | 6.32E-03 | 5.73E+00 | NA | 2.62E-02 | 5.8E+00 |

a. No toxicity factor available for this exposure pathway.

NA Not applicable

a. No toxicity factor available for this exposure pathway.

b. No non-radionuclide carcinogenic COCs for the pond liner material.

External exposure is not included for theradionuclides.

4.0 TOXICITY ASSESSMENT

This section describes toxicity factors that are combined with estimated intakes of COCs to estimate potential risk associated with exposure. Toxicity factors used in the HHRA are EPA-verified or provisional carcinogenic slope factors (SFs) and noncarcinogenic reference doses (RfDs) or air reference concentrations (RfCs) for COCs in the SEP. Toxicity factors are presented in Table 4.1. Toxicity factors for radionuclides are taken from Federal Guidance Report 13.

The principal indices of toxicity for chemicals with noncarcinogenic effects are the oral RfD and inhalation RfD. RfDs can be considered threshold doses or exposure levels. At chemical doses or exposures below threshold values, adverse effects are not expected to occur. RfDs incorporate a number of safety factors to ensure that they are health-protective for all human populations, including sensitive subgroups (for example, children and the elderly).

Oral and inhalation SFs are used to characterize the potency of carcinogens. A SF is a dose-response factor used to relate carcinogenic response to chemical dose. SFs are used to estimate the upper-bound probability of an individual developing cancer as a result of exposure to a potential carcinogen. EPA policy assumes that carcinogenic responses have no threshold, and that exposure to a carcinogen may result in some finite cancer risk at any dose, no matter how small (EPA 1989).

SFs for radionuclides are derived considering radionuclide emissions and their relative biological damage to exposed tissues, residence time of radionuclide in various body tissues, and duration of exposure. Radionuclide dose is calculated as a yearly intake followed by a 50-year dose commitment period. SFs for radionuclides are presented for external exposure, inhalation, and ingestion of radioactive materials.

EPA assumes that any dose of a radionuclide has the potential to produce carcinogenic effects in a linear, no threshold model. However, EPA does not recommend the evaluation of noncarcinogenic effects of radionuclides, with the exception of uranium, because these impacts have been shown to be insignificant compared to carcinogenic effects at most Superfund sites with potential radionuclide contamination (EPA 1989). EPA has developed both internal (inhalation and ingestion) and external SFs for the carcinogenic response to radionuclide exposure (EPA 1999).

The RfDs and SFs used in the HHRA were obtained from the following sources:

- EPA's Integrated Risk Information System (IRIS) online database (EPA 2002b);
- EPA's Health Effects Assessment Summary Tables and Supplements (HEAST) (EPA 1997); and
- EPA's National Center for Environmental Assessment (NCEA) for interim and provisional values.

4.1 DERMAL EXPOSURE TO CHEMICALS

EPA recommends using oral toxicity factors, adjusted if possible by a gastrointestinal absorption fraction, to evaluate toxic effects from dermal contact with potentially contaminated media (EPA 1989; 1992b, 2001a). The oral toxicity factor relates the toxic response to an administered intake dose of contaminant, which may be only partially absorbed by the body. Intake from dermal contact is estimated as an absorbed dose. Therefore, EPA (2001a) suggests adjusting some oral toxicity factors by contaminant-specific gastrointestinal absorption rates, if available, to yield toxicity factors for contaminants absorbed via the dermal pathway. When specific gastrointestinal absorption rates are not available, gastrointestinal absorption is assumed to be 100 percent and the unadjusted oral toxicity factor is used to assess the response to dermal absorption. Adjustments were made to the oral toxicity factors for cadmium and chromium RfDs for this risk assessment.

| Analyte | CAS Number | DAF Fraction ¹ | Oral RfD (mg/kg-day) | | Dermal Adjusted RfD | Inhalation RfD (mg/kg- day) | | Oral Slope Factor (mg/kg- day) | | Inhalation Slope Factor (mg/kg-day) | | | され 第一次 第二次 第二次 第二次 第二次 第二次 第二次 第二次 第二次 第二次 第二 | | À | External Slope Factor | |
|----------|---------------|------------------------------|-------------------------|-------|--|-----------------------------------|---------------|--|----|-------------------------------------|----------|---------------------------|--|------------------------|----|-----------------------------|---|
| Cadmium | 7440-43-9 | 0.001 | 1.00E-03 | I | 2.50E-05 | 5.70E-05 | Е | | | 6.30E+00 | I | | u , ∰ | | 9% | | |
| Chromium | 7440-47-3 | 0.001 | 3.00E-03 | I | 7.50E-05 | 3.00E-05 | I | | | 4.10E+01 | Н | | | e in the state | | | ٦ |
| × (1) | | | Oral RfD (mg/kg-day) | 100 m | | | | Oral/ (risk/pCi) Water Ingestion | 24 | estion Slope Fact | * | | イ教 2016年 2018年 | | | | |
| Am-241 | 14596-10-2 | | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | |) (A) 外, 要 | 1.04E-10 | E | Food Ingestion 1.34 E-10 | Е | Soil Ingestion 9.1E-11 | R | (risk/pCi) 2.78E-08 | E | (risk/yr/pCi/g) 2.76E-08 | E |
| Pu-239 | 15117-48-3 | | | | 100 | | | 1.35E-10 | Е | 1.74E-10 | Е | 1.21E-10 | R | 3.33E-08 | Е | 2.00E-10 E | E |
| U-234 | 13966-29-5 | 0.001 | 3.00E-03 | I | 14 To 14 | | No. | 7.07E-11 | Е | 9.55E-11 | Е | 5.11E-11 | R | 1.14E-08 | Е | 2.52E-10 E | Е |
| U-235 | 15117-96-1 | 0.001 | 3.00E-03 | I | | *** | | 6.96E-11 | Е | 9.44E-11 | E | 4.92E-11 | R | 1.01E-08 | Е | 5.18E-07 E | E |
| U-238 | 7440-61-1 | 0.001 | 3.00E-03 | I | | | | 6.4E-11 | Е | 8.66E-11 | E | 4.66E-11 | R | 9.35E-09 | Е | 4.99E-11 E | E |

Notes:

- 1. Values for dermal adsorption factor (DAF) are from EPA (2001). Values for chromium are default values based on the value
- 2. Assessed as chromium (VI).
- I = IRIS
- E = NCEA provisional value
- H = HEAST
- R = RSALS PPRG tables

References:

2001b. Integrated Risk Information System (IRIS), On-line database, Office of Research and Development, Cincinnati, OH, June.

1997. Health Effects Assessment Summary Tables (HEAST).

HEAST 2001b = U.S. Environmental Protection Agency. 2001. Health Effects Assessment Summary Tables, Radionuclide Table,

EPA, Office of Radiation and Indoor Air (ORIA), April.

EPA. 2001a. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for

Dermal Risk Assessment), Interim, EPA/540/R/99/005, OSWER 9285.7-02EP, PB99-963312, September.



5.0 RISK CHARACTERIZATION AND UNCERTAINTY ANALYSIS

Risk characterization is the final step of the risk assessment process. In this step, toxicity factors, noncarcinogenic RfDs and carcinogenic SFs for COCs are applied, in conjunction with estimated chemical intakes, to predict potential noncarcinogenic and carcinogenic health risks to exposed receptors. Spreadsheets with calculations are presented in Appendix C.

5.1 NONCARCINOGENIC HEALTH EFFECTS

The potential for noncarcinogenic effects is characterized by comparing estimated contaminant intakes (Section 3.5) with contaminant-specific RfDs (Table 4.1). The resulting ratio is the HQ. It is derived in the following manner:

Noncarcinogenic
$$HQ = \underline{Chemical\ Intake\ (mg/kg-day)}$$
 (Equation 5.1)
RfD (mg/kg-day)

The RfD concept assumes that there is a level of intake (the RfD) below which it is unlikely that even sensitive individuals will experience adverse health effects over a lifetime of exposure. If the average daily intake exceeds the RfD and the HQ is above 1.0, concern for potential noncarcinogenic effects may increase (EPA 1989). It should be noted, however, that the level of concern does not increase linearly as the RfD is approached or exceeded. This is because all RfDs are not assessed equally or based on the same severity of toxic effects. Because the HQ does not define a dose-response relationship, the numeric value is not a direct estimate of risk (EPA, 1989a), but rather an indicator that adverse health effects are more likely to occur as the HQ increases.

To assess exposure to multiple contaminants, HQs are summed to yield an HI for each pathway and receptor. The assumption of additive effects reflected in the HI is most properly applied to substances that induce the same effect by the same mechanism (EPA 1989). Consequently, summing HQs for substances that are not expected to induce the same type of effect will likely overestimate potential adverse health effects. The HI, therefore, provides a conservative measure of potential adverse health effects and is dependent on the quality of experimentally derived evidence.

HIs from all relevant pathways are summed to obtain the total HI for that receptor. If the total HI is less than or equal to 1, multiple-pathway exposures to COCs at the site are judged



unlikely to result in any adverse health effects. If the sum is greater than 1, further evaluation of exposure assumptions and toxicity, including consideration of specific target organs affected and mechanisms of toxic actions of COCs, is warranted to ascertain whether cumulative exposure would be likely to harm exposed receptors.

5.2 CARCINOGENIC RISK

Potential carcinogenic effects are characterized in terms of incremental probability of an individual developing cancer over a lifetime (70 years) as a result of exposure to a potential carcinogen. Known as the excess lifetime cancer risk, it is an estimate of the increased risk of developing cancer above the background rate for the general population. Excess lifetime cancer risk is estimated from the projected lifetime average daily intake and the cancer SF, which represents an estimate of the dose-response relationship. Excess lifetime cancer risk is calculated by multiplying the average daily chemical intake by the cancer SF as follows:

Cancer risk = (Average daily intake)(SF)

(Equation 5.2)

Units: (mg/kg-day)(mg/kg-day)-1 or (pCi)(Risk/pCi)

Carcinogenic risks estimated using SFs are upper-bound estimates. This means that the actual risk is likely less than the estimated risk (EPA 1989). RME cancer risks may be significantly overestimated because they are calculated by multiplying 95th percentile estimates of cancer potency, 95UCLs of concentrations, and high-end estimates of several exposure parameters.

The risks resulting from exposure to multiple carcinogens are assumed to be additive (EPA 1989). The total cancer risk is estimated by summing the risks estimated for each COC for each pathway. This is a highly conservative approach that results in an artificially elevated estimate of cancer risk, especially if several carcinogens are present, because 95th percentile estimates are not strictly additive (EPA 1989).

In accordance with EPA guidance (EPA 1989) radionuclide risks were calculated separately for each exposure pathway. Carcinogenic risks for each pathway due to radionuclides are presented in Appendix C. Chemical and radiological risks were summed by media to determine the overall potential human health hazard at the site, as shown in Tables 5.1 and 5.2.



EPA policy must be considered in order to interpret the significance of cancer risk estimates. The National Oil and Hazardous Substances Pollution Contingency Plan (EPA 1990) states that: "For known or suspected carcinogens, acceptable exposure levels are generally concentration levels that represent an excess upper bound lifetime cancer risk of between 10⁻⁴ and 10⁻⁶." When cumulative carcinogenic risk to an individual, based on RME exposure, does not exceed 10⁻⁴ and the total HI does not exceed 1, action is generally not warranted for protection of public health (EPA 1991).

5.3 SEP AOC

The receptor evaluated in the SEP AOC was a WRW. One scenario was assessed for the WRW receptor with the liner materials on the surface. Health risks and hazards were found to be low for the Solar Ponds AOC. The results are presented and discussed below.

5.3.1 Noncarcinogenic Hazard Index

The cumulative HI for noncarcinogenic health effects is 0.04 (Table 5.1). The surface soil dominates the results. No adverse non-cancer health effects are expected, even for sensitive individuals, because HIs are much less than 1.0 for all media and pathways. The HQs for each COC and pathway are shown in Table 5.2.

5.3.2 Carcinogenic Risk

Excess lifetime cancer risk estimates for the WRW receptor are summarized in Table 5.3 by medium and in Table 5.4 by pathway and COC. No nonradiological carcinogenic COCs were present in liner materials and no estimate for risk is presented Table 5.3.

The total risk for RCRA constituents (cadmium and chromium) is 3E-07, well below the 1E-06 level of concern. The highest cancer risk estimate is for radionuclides in surface soil at 2E-06 (2 excess cancer cases per 1,000,000 exposed individuals). The risk levels are driven

Hazard Index Summary for the Solar Evaporation Ponds WRW Hazard Index by Medium and Exposure Pathway Medium 🕆 Medium Inhalation Ingestion Dermal HI Surface Soil 0.001 0.008 0.03 0.04 Liner Material 0.00002 0.00000000002 0.00002 Subsurface Soil 0.00001 0.001 0.0001 0.001 Total HI 0.04

 Table 5.1. Hazard Indices for Wildlife Refuge Worker Receptors



No toxicity factor available.

Table 5.2 HQs and HIs by COC, Media, and Pathway

| COC | | Surface Soil | | HÍ |
|--------------|------------|---------------|---------------|------------|
| | Inhalation | Ingestion | Dermal | |
| Cadmium | 0.0005 | 0.03 | 0.005 | 0.03 |
| Chromium | 0.0007 | 0.006 | 0.001 | 0.007 |
| Uranium-234 | a | 0.0000003 | 0.00000001 | 0.0000003 |
| Uranium-235 | a | 0.00003 | 0.0000001 | 0.00003 |
| Uranium-238 | a | 0.003 | 0.00001 | 0.003 |
| H | 0.001 | 0.04 | 0.006 | 0.04 |
| | \$-1400 A | Pond Liners | | HI |
| Uranium-235 | a | 0.00002 | 0.00000000002 | 0.00002 |
| | | Suburface Soi | I War | A MINE A |
| Cadmium | 0.00001 | 0.0008 | 0.0001 | 0.0009 |
| Uranium-234 | a | 0.00000002 | 0.000000001 | 0.00000002 |
| Uranium-235 | а | 0.000002 | 0.00000000002 | 0.000002 |
| Uranium-238 | a | 0.00003 | 0.000000003 | 0.00003 |
| HI A YAN Z W | 0.00001 | 0.0008 | 0.0001 | 0.0009 |

a. No toxicity factor available.

by the inhalation pathway for chromium VI for metal COCs and by the external radiation pathway for americium-241 and uranium-235 in the surface soil (see Appendix C).

The estimated excess lifetime risks for a WRW due to RCRA listed constituents are well below the 1E-06 level of concern. Approximately 80 percent of the nonradiological risk are due to chromium in the surface soil. Chromium was conservatively assessed as chromium VI, actual risks are likely to be lower due to the presence of chromium III.



Table 5.3. Summary of WRW Carcinogenic Risks for the Solar Ponds AOC

| | WRW Risk by M | edium and Exposure l | Pathway | |
|----------------------------|------------------|----------------------|------------|-------------|
| Medium 💉 🦠 | | Total Risk | | |
| | Inhalation | Ingestion | Dermal | l Viai Nish |
| Surface Soil | 2.7E-07 | a | a | 2.7E-07 |
| Liner | NA | NA | NA | NA |
| Subsurface Soil | 1.4E-09 | a | a | 1.4E-09 |
| Total Nonradiological Risk | | | | 3E-07 |
| | | Radiological | | |
| | 🔊 Inhalation 🦂 🥉 | Ingestion | External 💸 | X 4 4 4 1 |
| Surface Soil | 2.7E-07 | 8.9E-07 | 8.8E-07 | 2.0E-06 |
| Liner on Surface | 2.2E-08 | 6.5E-08 | 1.3E-07 | 2.2E-07 |
| Subsurface Soil | 5.0E-09 | 1.6E-08 | 1.8E-08 | 3.9E-08 |
| Total Radiological Risk | 7-2-2-5-5 | | | 2E-06 |

a. No toxicity factor available

The total radiological risk to the worker is 2E-06. Americium-241, plutonium-239/240, and uranium-235 are the major contributors to risk (see Table 5.4 and Appendix C). Americium dominates all pathways, plutonium is a significant contributor to the inhalation and ingestion pathways, and uranium-235 is significant for the external pathway.

5.4 UNCERTAINTIES AND LIMITATIONS

This section discusses major uncertainties and limitations of the HHRA and how the results and conclusions might be affected. Uncertainties and limitations are inherent in the risk assessment process. The level of certainty associated with the conclusions of the risk assessment are conditional upon the data quality, methods used to identify COCs, estimates of chemical concentrations, assumptions made in estimating exposure conditions, conservatism of methods used to develop exposure factors, and toxicity values used to characterize risk.

NA. No nonradiological COCs present in liner materials.

Table 5.4. Summary of WRW Carcinogenic Risks by COC, Media and Pathway

| e COC | Inhalation 🦽 | Ingestion | of Dermal | External 🐁 | Total Risk |
|--|--------------|-----------|------------|------------|------------|
| And the second s | | Pond L | iner 🦠 🦂 🤘 | | By COC |
| Americium-241 | 2.16E-08 | 6.41E-08 | NA | 8.88E-08 | 1.7E-07 |
| Uranium-235 | 1.97E-10 | 8.72E-10 | NA | 4.19E-08 | 4.3E-08 |
| | | Surface | Soil | | |
| Cadmium | 5.09E-08 | a | a | NA | 5.1E-08 |
| Chromium | 2.16E-07 | a | a | NA | 2.2E-07 |
| Americium-241 | 1.55E-07 | 4.60E-07 | NA | 6.37E-07 | 1.3E-06 |
| Plutonium-239/240 | 7.65E-08 | 2.52E-07 | NA | 1.90E-09 | 3.3E-07 |
| Uranium-234 | 2.83E-08 | 1.15E-07 | NA | 2.59E-09 | 1.5E-07 |
| Uranium-235 | 1.11E-09 | 4.89E-09 | NA | 2.35E-07 | 2.4E-07 |
| Uranium-238 | 1.34E-08 | 6.05E-08 | NA | 2.96E-10 | 7.4E-08 |
| | | Subsurfac | ce Soil | | |
| Cadmium | 1.40E-09 | a | a | NA | 1.40E-09 |
| Americium-241 | 7.94E-10 | 2.36E-09 | NA | 3.26E-09 | 6.4E-09 |
| Plutonium-239/240 | 1.65E-09 | 5.45E-09 | NA | 4.11E-11 | 7.1E-09 |
| Uranium-234 | 1.71E-09 | 6.97E-09 | NA | 1.57E-10 | 8.8E-09 |
| Uranium-235 | 6.38E-11 | 2.82E-10 | NA | 1.35E-08 | 1.4E-08 |
| Uranium-238 | 8.23E-10 | 3.72E-09 | NA | 1.82E-11 | 4.6E-09 |

a. No toxicity factor available

Conservative assumptions were made at all stages of this risk assessment to prevent underestimating potential health risk. Carcinogenic risks were estimated using upper-bound SFs and conservative exposure assumptions. Estimates of noncarcinogenic toxicity values (RfDs) are also very conservative and may result in an overestimate of noncarcinogenic health hazards. RME estimates of potential health risks associated with potential exposures at the SEP should be considered upper bounds. This means that actual risks are likely to be less than estimated risk (EPA 1989). Although point estimates of risk are made, it should be recognized that each estimate represents a range of possible risk and is only an indicator of the actual risk.

Uncertainties in the HHRA for the SEP lie chiefly in sampling limitations, the identification of COCs, estimation of exposure point concentrations, exposure assumptions and factors, and the assessment of chemical toxicity. Each of these is discussed below.



NA. Not applicable.

5.4.1 Sampling and Identification of COCs

Samples of surface soil, subsurface soil, and pond liner materials were collected in accordance with approved work plans, and most of the chemical analytical results were validated in accordance with EPA and RFETS data validation guidelines. Work plans were presented in the Final Phase I RFI/RI Work Plan for OU 4 (DOE 1992), and the chemical analytical database and data review are described in Appendix A. It can be seen from Figures 2.1 through 2.3 that sampling was performed in a nonsystematic, random fashion. There are areas that were more or less densely sampled than others. The overall quality of the data was determined to be sufficient for risk assessment purposes (Section 2.0).

The identification of COCs is dependent on the quality of the sampling, analysis, and database management. Data were retrieved from both the SWD and the Remedial Action Decision Management System (RADMS). The data are considered representative of the SEP AOC and retrieval is considered to be complete. The elimination of PCOCs and selection of COCs are documented in Section 2.0.

5.4.2 Exposure Point Concentrations and Exposure Factors

Concentration Term

The 95UCL of the mean concentration is used as a conservative estimate of exposure concentrations. The 95UCL is used rather than the arithmetic mean concentration to provide an additional level of conservatism and limit uncertainties involved in estimating the true mean from a relatively small data set. Small sample size, variability in sample results, inclusion of extreme values, and negative or zero values add to the uncertainty in estimating the mean. However, these uncertainties usually result in a high, rather than low, bias to the estimate.

Attachment I presents a detailed evaluation of data adequacy used to support and quantify risk calculations submitted for the Solar Ponds. The evaluation included determination of mean, variance, and 95UCLs estimates using Bootstrap resampling and geostatistical methods. A spatial analysis and evaluation of the Bootstrap technique were also provided. Comparison of upper 95UCLs from all statistical methods was included, and their impact on the reported risk results evaluated. The data adequacy evaluation focused on the radionuclides present in surface soils. The results are summarized below and discussed in relation to the methods used in the HHRA.



Distributional testing was conducted and reported in Section 2.3.6 of the risk assessment. A normal, lognormal, or non-parametric distribution was assign to each analyte in liner material, surface soil, and subsurface soil. Most liner material and surface soil analytes had non-parametric distributions, while subsurface analytes had lognormal distributions. Distributional testing was also conducted for individual surface soil COCs using the Shapiro-Wilk test on the data and Ln-transformed data. The Bootstrap approach was then used to estimate UCLs for distributions that were neither normal nor lognormal.

In addition, a Geostatistical Spatial Analysis was conducted for surface soil radionuclides that dominated risk. Results indicated good spatial correlation based on observed variograms. Evidence of a spatial pattern indicates that the use of classical statistical methods for characterizing the 95% UCLs should be avoided and geostatistics are appropriate to properly assess SEP contaminants and quantify UCLs to support risk calculations. The classical methodologies quantify uncertainty in the exposure concentration term without consideration of spatial variability present in data derived from environmental sampling (EPA 2001).

The Bootstrap method was used to calculate UCLs for the SEP Risk Assessment. Table 5.5 compares UCLs derived from the statistical methods evaluated. UCLs computed by Bootstrap and geostatistical methods were consistently higher than UCLs derived from normal t-statistic methods. These two methods therefore do not underestimate the UCL for the SEP surface soil data. Bootstrap and geostatistics are therefore unlikely to underestimate the true UCLs and risk.

Table 5.5 Comparison of 95% UCLs in Surface Soils by Statistical Method

| COC | Normal | Lognormal | Geostatistics | Bootstrap |
|----------|--------|-----------|---------------|-----------|
| Cadmium | 32.8 | na | 35.3 | 38.1 |
| Chromium | 23.8 | na | 25.1 | 24.8 |
| Am-241 | 13.4 | 34.2 | 14.5 | 14.7 |
| Pu-239 | 5.47 | 16.5 | 6.40 | 6.06 |
| U-238 | 3.46 | na | 3.55 | 3.77 |
| U-235 | 0.24 | 0.21 | 0.25 | 0.29 |
| U-234 | 5.70 | na | 6.38 | 6.53 |

na = Not applicable, distribution not lognormal at the 0.05 level.

However, lognormal statistics using Land H produced UCLs for americium-241 and plutonium-239 that were more then twice all other UCL estimates and a UCL estimate for



uraniium-235 that was below the t-statistic estimate. Lognormal statistics therefore produced UCL estimates that were inconsistent and outside the range of the other estimates. EPA has discussed this problem in a Technical Document (EPA 1997). EPA concludes that lognormal statistics are likely to overestimate UCLs and risk. The current evaluation supports this conclusion.

Both statistical and spatial analyses indicate that sampling at the SEPs is adequate, especially in view of the low estimated risk. Geostatistics and Bootstrap methodologies are both technically sound; have no distributional assumptions; and adequately support risk quantification. Use of either Bootstrap or geostatistical methods do not underestimate true risk. The 95UCLs derived from lognormal statistics were inconsistent and greatly overestimated the 95UCLs when actual analyte distributions deviated from lognormality. For example, the lognormal 95UCL for Americum-241 in the liner (n=15) was 10,633 compared to a maximum of 8.1 pCi/g. Use of lognormal statistics increases risk by a factor of two and often results in the use of maximum values to quantify risk due to 95UCLs falling outside the range of observed concentrations. Geostatistical methodologies address environmental data with spatial correlation such as the data present at the SEPs.

Mass Loading and Air Exposure Concentrations

There is uncertainty associated with the ML factor used to estimate contaminant concentrations in air. A 50th percentile estimate developed by the RSALS Working Group was used (21.2 µg/m³) in the risk assessment. This figure is approximately twice the documented site average (11.8 µg/m³), but 30 percent of the 95th percentile figure used by the working group for the RSALS action levels (67 µg/m³). The 95th percentile value is appropriate for action levels to be used for screening, but is too conservative for a forward-looking, long-term risk assessment. The effect of using multiple high-end factors in a risk assessment quickly leads to unrealistically high estimates of risk. EPA guidance (1989) recommends using a balance of high-end and central tendency estimates to avoid this problem. The effect of the three MLs on inhalation risk is shown in Table 5.6.

Table 5.6 Effect of Using Different Mass Loading Factors on Inhalation Risk

| | ML = 11.8 | ML = 21.2 | ML = 67 |
|------------------|-------------|---------------|------------|
| | £ μg/m³ | μg/m³ 🐈 | μg/m³ |
| | Nonradiolog | ical Risk | |
| Medium | Inhalation | Inhalation | Inhalation |
| Surface Soil | 1.5E-07 | 2.7E-07 | 8.4E-07 |
| Liner Material | NA | NA | NA |
| Subsurface Soil | 7.8E-10 | 1.4E-09 | 4.4E-09 |
| Total Risk | 1E-07 | 3E-07 | 9E-07 |
| | Radiologic | al-Risk 🛴 🧢 🗀 | |
| Surface Soil | 1.9E-06 | 2.0E-06 | 2.6E-06 |
| Liner Material · | 2.1E-07 | 2.2E-07 | 2.6E-07 |
| Subsurface Soil | 3.6E-08 | 3.9E-08 | 5.3E-08 |
| Total Risk | 2E-06 | 2E-06 | 3E-06 |

NA. Not applicable.

The effect on total inhalation risk of moving the ML from the Site average to the RSALS 50th percentile and then to the RSALS 90th percentile is almost one order of magnitude for nonradiologicals. There is little effect for the radionuclides. These uncertainties associated with the exposure point concentrations and the ML factor are likely to result in an overestimate of risks in the long term.

Area Use Factor and Gamma Shielding Factor

The AUF is the ratio of the AOC to the minimum anticipated size of the EU for the WRW. The AUF is used to normalize exposure based on area. In discussions with the regulatory agencies it was agreed that the smallest EU size used in the CRA would be 133 acres, based on data from a survey conducted for the Rocky Mountain Arsenal (Appendix B, Table B-1). The area for the AOC is 33.3 acres. Therefore, the AUF equals 33.3/133 = 0.25. This is a conservative estimate of the amount of time a WRW will spend in the SEP AOC over an 18.7-year exposure period. It was agreed with the agencies to use an AUF of 1 for the risk assessment. This means that the hypothetical WRW will spend 4 hours a day, 5 days a week for 18.7 years in the SEP AOC. This is an extremely conservative assumption that a WRW will spend 20 hours a week for 18.7 years on such a very small portion of the total area of the



2.1E-06

2.2E-07

3.9E-08

2E-06

4.5E-07

4.5E-08

8.4E-09

5E-07

Site. Therefore, risks have been calculated for the conservative assumption of a 0.25 AUF to aid in the risk managers' decision-making process (Table 5.7).

It was also agreed with the regulatory agencies that a gamma shielding factor would not be used to account for the effects of surface geometry and contaminant depth. The effect of incorporating a gamma shielding factor of 0.7, as calculated in Federal Guidance Report No. 12 (EPA 1993) for radionuclides of similar energies as present at RFETS, is shown in Table 5.7.

Table 5.7 demonstrates that the effect of the AUF is greater than that of the gamma shielding factor. The AUF has a greater influence because it affects all pathways, whereas

AUF=1 AUF = 1 * ** *AUF = 0.25 AUF = 0.25 Medium (1 - Se) = 1(1 - Se) = 0.7(1 - Se) = 1(1 - Se) = 0.7Nonradiological Risk A CONTRACTOR OF THE SECTION OF THE S Surface Soil 2.7E-07 2.7E-07 6.7E-08 6.7E-08 Subsurface Soil 1.4E-09 1.4E-09 3.5E-10 3.1E-09 Total Risk 3E-07 3E-07 7E-08 7E-08 Radiological Risk ADMINIST GARAGE The contract of the same of A ST HE WAY

1.8E-06

1.8E-07

3.4E-08

2E-06

5.1E-07

5.4E-08

9.7E-09

6E-07

Table 5.7 Effects of the AUF and the Gamma-shielding Factor (1-Se) on Total Risk

the gamma-shielding factor only affects the external radiation pathway. Using the 0.25 AUF instead of the very conservative AUF of 1.0, reduces the estimated radiological risk from 2E-06 to 6E-07 and nonradiological risk from 3E-07 to 7E-08.

5.4.3 Toxicity Assessment

Surface Soil

Total Risk

Subsurface Soil

Liner

Toxicity values (RfDs and cancer SFs) derived by EPA are conservative, upper-bound estimates of potential toxicity or carcinogenicity of chemicals and central tendency estimates for radionuclides. They are designed to be conservative and their use in risk assessment tends to result in conservative estimates of potential risk. Only chemicals in the ALF were assessed for this HHRA. The ALF represents the master list of potential chemicals of



concern designated by CDPHE, EPA, and DOE in the 1996 Rocky Flats Cleanup Agreement (RFCA) (DOE 1996). However, chemicals not on the list may contribute to risk. These contributions are not assessed quantitatively (see section 2.3.7). In addition, some PCOCs do not have EPA-established toxicity factors. Therefore, they cannot be evaluated in a quantitative risk assessment. This adds a degree of uncertainty to the results of the risk assessment.



6.0 SUMMARY AND CONCLUSIONS

The HHRA estimated health risks for the WRW on-site receptors that could be exposed to COCs at the SEP. Exposure media evaluated were pond liner material, surface soil, subsurface soil, and outdoor air. COCs were identified as metals and radionuclides in liner material and soils that are above PRGS and background. Americium-241, plutonium-239,240, and uranium-235 in surface soil are the largest contributors to risks. Hazard and risk estimates are summarized in Tables 5.1 to 5.4 (also in Appendix C). Results of the risk assessment are summarized below:

- Cumulative HIs for the WRW were well below 1.0 and RME cancer risk estimates for RCRA nonradiological COCs (cadmium and chromium) were below EPA's minimal risk target of 1E-06.
- The highest cancer risks to the WRW were from radionuclides in surface soil, with an RME risk of 2E-06.
- The majority of the risk was from chromium, americium-241, and uranium-235 in surface soil.
- Uncertainties discussed in the previous section indicate that actual risk may be lower.



7.0 REFERENCES

DOE Order 414.1A, Quality Assurance.

DOE, 1992, Final Phase I RFI/RI Work Plan for OU No. 4, Rocky Flats Field Office.

DOE, 1995a, OU 4 Solar Evaporation Ponds Interim Measure/Interim Remedial Action Environmental Assessment Document, Rocky Flats Environmental Technology Site, Golden, Colorado, February.

DOE, 1995b, Geochemical Characterization of Background Surface Soils: Background Soils Characterization Program. Rocky Flats Field Office, Golden, Colorado, May.

DOE et al, 1996. Rocky Flats Cleanup Agreement, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE, 2000, Industrial Area Sampling and Analysis Plan. Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, CDPHE, EPA, 2000, Rocky Flats Cleanup Agreement (RFCA), Attachment 5, 3/21/2000, Rocky Flats Environmental Technology Site, Golden, Colorado, March.

EG&G, Inc., 1993, Rocky Flats Plant Sitewide Quality Assurance Project Plan for CERCLA Remedial Investigation/Feasibility Studies and RCRA Facility Investigation/Corrective Measure Studies Activities (QAPP), Golden, Colorado.

EPA/QA-G4, 1994, Guidance for the Data Quality Objective Process, EPA/600/R-96/055.

EPA/QA-G9, 2000, Guidance for Data Quality Assessment: Practical Methods for Data Analysis, EPA/600-R-96/084.

EPA, 1989, Risk Assessment Guidance for Superfund-Volume I, Human Health Evaluation Manual (Part A), EPA/540/1-89/002, December.

EPA, 1990, National Oil and Hazardous Substances Pollution Contingency Plan.

EPA, 1991, Risk Assessment Guidance for Superfund-Volume I, Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals), 9285.7-01B.

EPA, 1992, Guidance on Risk Characterization for Risk Managers and Risk Assessors, February.

EPA, 1992b, Dermal Exposure Assessment: Principles and Applications, EPA/600/8-91/011B, January.

EPA, 1993, Federal Guidance Report No. 12. External Exposure to Radionuclides in Air, Water, and Soil, EPA-402-R-93-081, September.

EPA, 1994, Guidance for the Data Quality Objective Process QA/G-4.



EPA, 1996, SW-846 Test Methods for Evaluating Solid Wastes Physical/Chemical Methods, Third Edition and as updated by Updates I, II, IIA, IIB, III, and IIIA; Revision 2, December.

EPA, 1997, Guidance for the Data Quality Assessment Process, Practical Methods for Data Analysis, QA/G-9.

EPA, 1998, Guidance for the Data Quality Assessment Process, Practical Methods for Data Analysis, QA/G-9.

EPA, 1999, Risk Assessment Guidance for Superfund Volume 3 Part A: Process for Conducting Probabilistic Risk Assessment – Appendix D: Estimating Uncertainty in the Mean Concentration. OSWER, Draft, December.

EPA, 2001a, Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Interim, EPA/540/R/99/005, OSWER 9285.7-02EP, PB99-963312, September.

EPA, 2001b, Health Effects Assessment Summary Tables (HEAST) for Radionuclides.

EPA, 2002a, Calculating Exposure Point Concentrations at Hazardous Waste Sites (Draft). OSWER 9285.6-10, July.

EPA, 2002b, Integrated Risk Information System (IRIS), On-line database.

Gilbert, R.O., 1987, Statistical Methods for Environmental Pollution Monitoring, John Wiley & Sons, New York.

Kaiser-Hill, 1997. General Guidelines for Data Verification and Validation, DA-GR01-v1, December.

Kaiser-Hill, 1997, V&V Guidelines for Volatile Organics, DA-SS01-v1, December.

Kaiser-Hill, 1997, V&V Guidelines for Semivolatile Organics, DA-SS02-v1, December.

Kaiser-Hill, 1997, V&V Guidelines for Inorganic Metals, DA-SS05-v1, December.

Kaiser-Hill, 1998, V&V Guidelines for Isotopic Determinations by Alpha Spectrometry, DA-RC01-v1, February.

Kaiser-Hill, 2001, Industrial Area Sampling and Analysis Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

Lockheed-Martin, 1997, Evaluation of Radiochemical Data Usability, ES/ER/MS-5.

National Academies, 1999, Dietary Reference Intakes for Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride (448 pp.), Standing Committee on the Scientific Evaluation of Dietary Reference Intakes, Food and Nutrition Board, Institute of Medicine.

National Academies, 2000, Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids, (529 pp.), Panel on Dietary Antioxidants and Related Compounds,

Subcommittees on Upper Reference Levels of Nutrients and Interpretation and Uses of DRIs, Standing Committee on the Scientific Evaluation of Dietary Reference Intakes, Food and Nutrition Board.

National Academies, 2002, Dietary Reference Intakes for Vitamin A, Vitamin K, Arsenic, Boron, Chromium, Copper, Iodine, Iron, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc (800 pp.), Panel on Micronutrients, Subcommittees on Upper Reference Levels of Nutrients and of Interpretation and Use of Dietary Reference Intakes, and the Standing Committee on the Scientific Evaluation of Dietary Reference Intakes.

NRC/EPA/DOE/DOE, 1997, Multi-Agency Radiological Survey and Site Investigation Manual (MARSSIM), NUREG-1575.

Schacklette, H.T. 1984, Elemental Concentrations in Soils and Surficial Materials of the Conterminous US. US Geological Survey, Professional Paper 1270.



| | RFCLOG Comments Dated October 15, 2002 | Response |
|---|--|---|
| | CHARACTERIZATION | |
| 1 | We are concerned the available characterization data for the Solar Evaporation Ponds (SEP) is insufficient. In the Human Health Risk Assessment (Attachment II), Figure 2.1 shows that the liner of SEP 207-B South was not sampled. Figure 2.2 shows that SEP 207-B South had only one surface sample taken, while SEP 207-A, which covers three acres, had only five surface samples, the most of any of the five ponds. Figure 2.3 shows that neither SEP 207-B South nor SEP 207-C had subsurface samples taken in the first six feet below the asphalt liners. Due to what appears to be a small number of samples for a relatively large area, we question whether there are adequate data to support a No Further Action (NFA) decision. While an NFA decision may indeed be appropriate, it is difficult to have confidence at this point that the SEPs will not adversely impact surface water quality in the future based on the limited data provided. We understand that clean fill will be placed on top of the SEPs liners, which will make subsurface soils harder to access and thus may reduce the overall risk to a future user. However, not knowing what is underneath some of the SEPs does not answer the question about the potential for a secondary source to be contributing to the Solar Ponds Plume (SPP). | A Data Adequacy Evaluation for the Solar Evaporation Ponds (SEP) was conducted and is available as Attachment I. This evaluation includes a geospatial analysis and assessment of impacts to risk using various upper confidence limit (UCL) calculations and hot spot removal. It was concluded that adequate data were collected to support risk quantification. In addition, in Section 5.0, first paragraph, the following sentence was added: "Attachment I presents an evaluation of data adequacy used to support and quantify risk calculations submitted in the Human Health Risk Assessment (HHRA) as presented in Attachment II." |

| 2 | Section 2.1.2 Actions Taken at the SEPs | |
|---|---|--|
| | Bullet 11: "Twelve boreholes were completed and subsurface soil samples collected from within ponds 207A, 207B-Center and 207B-North." | Sampling was biased. The overall sampling for the SEP is adequate at the 95% confidence level for surface and subsurface soil. The sum of ratios is well below 1.0 (0.11) and total risk is 1E-06 following hot spot removal. |
| | Were subsurface samples taken based on biased sampling (under known leaks in the liners), statistical sampling, or other? What is the confidence level that the Site has adequately characterized the subsurface? | Added to this bullet is the following sentence: "Boreholes were placed at locations where breaches in the liners were observed and at locations where the liner was intact (DOE 1995a)." |
| 3 | Attachment II (Human Health Risk Assessment): Section 2.2 Segregation of Samples by Media | |
| | "Most surface soil samples were collected using the RFP method, in which the top 2 inchesof soil are collected Other were collected as the first interval of a borehole sampling." | Surface soil was typically collected as the 0- to 6-inch interval. All data with a starting and ending depth between 0 and 6 inches were considered surface soil. All surface soil was collected below liner material. Sediments were identified separately as SD or SED sample numbers. |
| | Is surface soil for the ponds themselves considered to be the first few inches of soil under the liners, or sediments on top of the liners? Please clarify this distinction in the document. | In Section 2.2, Surface Soil Section, the following sentence was added: "Surface soil for the ponds is considered to be within 0 to 6 inches of soil below the liners." |
| | | |
| | DATA AVAILABILITY | |



Section 2.1.2 Actions Taken at the SEPs

• **Bullet 17**: "Surface soil areas exceeding proposed soil action levels (October 2002) for Americium-241 and Plutonium 239/240 were removed under the ER RSOP Notification # 02-08."

Where were soils removed? What concentrations were removed? As per the Human Health Risk Assessment (HHRA), the maximum concentration of americium remaining in surface soils is 130 pCi/g, which is somewhat higher than the proposed soil action level of 76 pCi/g. Where is the americium maximum concentration located? If not under the pond liners, this concentration could remain at the surface post-remediation and should be noted.

The attached map shows the locations of hot spots that were removed. Analytical results indicate that all americium concentrations are below 50 pCi/g.

Added to this bullet is the following sentence: "Locations and concentrations removed are documented in the Closeout Report for ER RSOP Notification #02-08."

5 Section 3.2 Soil Contamination

 "In addition, characterization data that was obtained based upon actions conducted under the ER RSOP such as confirmation samples collected after the removal of sumps, has been included in the closeout report and will not be included in this PAM."

Since the remediation of the SEP Area of Concern (AOC) is not complete, the closeout report is not complete. Thus, the characterization data referenced are not available to the reader. To have confidence in an NFA decision, it would seem important to know what concentrations of

Data that support the NFA are available in the risk assessment. Analytical results from samples collected under the ER RSOP do not affect the risk assessment. These data will be included in the ER RSOP Closeout Report and the Historical Release Report (HRR). Analytical results indicated that all contaminant concentrations were less than RFCA ALs.

In Section 5.0, first paragraph, second sentence was modified to add at the end, "based on historical data." Also added: "Results of this risk assessment do not take into account soil removed in

| | contaminants remain at the point the NFA is proposed. Please provide documentation of what contaminant concentrations remain, so that the reader can be assured the remaining contaminants are less than the proposed soil action levels. GROUNDWATER PROTECTION | accordance with ER RSOP Notification #02-08." |
|---|---|---|
| 6 | Section 2.1.2 Actions Taken at the SEPs | |
| | Bullet 16: "Environmental monitoring, including downstream surface water and downgradient groundwater monitoring, is being conducted as part of the Site-wide Integrated Monitoring Program to ensure that contaminant concentrations are not increasing and that water quality standards are being met" What SEP contaminants are being monitored? Does the suite of contaminants monitored track the contaminants from the SEPs that could get into groundwater? | At the SEP treatment system, groundwater is monitored by ER for uranium and nitrate. SEP groundwater is monitored by Integrated Monitoring Program (IMP) for volatile organic compounds (VOCs), nitrate, uranium, plutonium, americium, neptunium, metals, and tritium. Added to this bullet is the following sentence: "The IMP monitors groundwater for volatile organic compounds (VOCs), metals, nitrate, uranium (U), plutonium (Pu), americium (Am), neptunium, and tritium." |
| 7 | "Performance monitoring wells for the SPP treatment system have also detected selenium, nickel and thallium at concentrations above groundwater action levels. However, an analysis of metals distribution was conducted, and indicates that there is no metals | The text in the second paragraph was corrected to indicate there are no performance monitoring wells for the SPP treatment system. The text is now located in the sixth paragraph and states: "Monitoring wells have also detected lithium, selenium, nickel, and thallium at concentrations above groundwater ALs." And a |





groundwater plume associated with the SEPs."

What was the action, if any, that resulted from the exceedances? If the SEPs are not the source of the exceedances, has the source been identified and dealt with appropriately? Section 3.2.1 states that the "occasional incidence of elevated metals in the seep areas north of the SEPs were attributed most likely to the local accumulation of metals transported in groundwater that discharges to ground surfaces." This statement appears to conflict with the above statement that no metals groundwater plume is associated with the SEPs. Please clarify this apparent discrepancy.

 Uranium concentrations...at well 1386 and well 1786 exceeded RFCA Tier II groundwater action levels during the Fourth Quarter of 2001...."

What is the trend of uranium in the groundwater entering the treatment system? Are concentrations increasing, decreasing, or staying fairly constant? If decreasing or staying constant, what does this fact reveal about a potential secondary source of uranium in the soils under the SEPs? Would removal of a potential secondary source decrease the required operating life of the SPP treatment system?

monitoring location for the SPP treatment system."

The third (now seventh) paragraph was modified to indicate the

paragraph, "Gauging Station (GS) 13 is the performance

The third (now seventh) paragraph was modified to indicate the four monitoring wells are not performance monitoring wells and the last sentence has been added: "However, U activities in these wells are consistently below RFCA Tier I groundwater ALs."

new sentence was also added to the end of the fifth (now ninth)

New sentences were added in Section 3.2.1. first paragraph, after the fourth sentence: "Although metal concentrations in seeps are occasionally elevated, there is no distinctive metals plume associated with the SEP (DOE 1999). These fluctuations may be associated with variations in water chemistry such as pH or the concentration of various anions."

New sentences were added to the last paragraph (now ninth) of Section 3.1: "Groundwater influent concentrations of U are fairly constant at 20 to 30 pCi/L. U effluent concentrations from the SPP treatment system are 0 to 0.96 pCi/L, averaging 0.15 pCi/L (DOE 2001)."

In addition, a sentence was added to section 3.2.2, third (now fourth) paragraph: "U contamination exists as a large dispersed area beneath and to the north of the SEP; no discrete secondary source of U is apparent (Kaiser-Hill 2001)."

CONTAMINANTS OF CONCERN



Section 3.2.1 Surface Soil Contamination

"All concentrations of contaminants are below RFCA Tier I. In addition, contaminant concentrations are below proposed soil action levels (October 2002), with the exception of manganese."

What is the proposed strategy to address elevated manganese concentrations?

Additionally, it appears that the list of potential contaminants of concern in this PAM is much smaller than that considered in the 1995 IM/IRA (though we understand that document was never approved). We are concerned that not all of the contaminants present in the SEP AOC were examined, which could result in an incomplete remediation (see comments below).

At the end of this paragraph, after the word "manganese", the following statement was added: ", which is discussed further in the risk assessment (Attachment II) for the SEP."

Manganese was dropped as a PCOC based on a statistical analysis of SEP Manganese vs. background Manganese at the Alpha = 0.05 level. The result was P = 0.9932 with an alternative hypothesis of SEP>Bkg.

All PCOCs present in the SEP dataset were screened. All SEP data are presented in Appendix A of the risk assessment, Tables A1-A12. Summary statistics used to screen all PCOCs are presented Appendix A, Tables A13-A18.

Section 3.2.2 Subsurface Soil Contamination 9

"Toluene, acetone, and methylene chloride were the only VOCs detected at significant frequencies.... The pervasive distribution of toluene in the subsurface at low levels indicates that external factors, such as cross-contamination during sampling or analysis, may have been responsible for the identification of toluene in samples. Acetone and methylene chloride were detected in equipment rinsate and laboratory blanks, which also suggests that these VOCs were introduced during sampling and laboratory activities."

An additional paragraph was added to the end of section 3.0:

"It is noted that this section may indicate possible explanations for the presence of certain contaminants (for example, acetone as a laboratory contaminant) in defining the nature and extent of contamination. However, for purposes of defining risk (as discussed in Section 5.0 and Attachment II) all SEP data were used as defined in Attachment II."



Response to RFCLOG Comments, Dated October 15, 2002 on the Draft Solar Evaporation Ponds Proposed Action Memorandum

What is your confidence that volatile organic compounds (VOC) are not a problem in the subsurface, and instead, are a function of laboratory error or contaminated sampling methodologies? What are the potential repercussions if your assumption is incorrect, and what mechanisms will be in place to address any potential problems resulting from the incorrect assumption?

"With the exception of uranium-233/235, uranium-238, gross beta radiation sources, and tritium, the presence of radionuclide contaminants is generally restricted to areas beneath the SEPs and the drainage tile outfall north of SEP 207-A and SEP 207-B North."

What is the source of tritium? At what concentrations is it found? Has it been detected in the SPP? Tritium was not indicated in the risk assessment as a Contaminant of Concern (COC). Was tritium considered as a Potential COC (PCOC)? Could it pose a threat to surface water?

• The distribution of nitrate in the subsurface suggests that nitrate has a distribution pattern similar to that of tritium and that concentrations decrease with depth. Cyanide is present beneath SEP 207-A, north of the drainage tile outfall area, and north of SEP 207-C at shallow depths (0 to 6 feet). Cyanide is also found pervasively throughout the vadose zone beneath the northeastern portion of SEP 207-B North, and at depth (greater than 12 feet) northeast of the SEPs in the buffer zone."

All VOCs were eliminated as PCOCs based on maximum concentrations that were well below the corresponding ALs. This observation was true for the entire subsurface data set. VOCs therefore, do not have any contribution to risk above the screening target risk of 1E-06 and the HO of 0.1.

Tritium was not considered a PCOC in soil. A localized source term for H-3 has not been observed at the ponds.

The following information has been added to Section 3.1, tenth. eleventh, and twelfth paragraph: "Tritium has been detected in the vicinity of the SEP in both surface soil and groundwater based on historical sampling conducted in 1991. A signature of tritium was observed around the ponds in groundwater with a maximum concentration of 13,850 pCi/L in 1991. This concentration was below the drinking water standard of 20,000 pCi/L and currently this concentration is approximately 6,300 pCi/L due to radiological decay. Vadose transport and dispersion in saturated zones should further reduce this maximum concentration.

Tritium sampling has also been conducted near the SPP treatment system and the Site boundary to assess possible surface water impacts. The maximum concentration detected near the SPP treatment system in 1991 was 780 pCi/L. This detection was observed in January 1991 and exceeded the surface water standard of 500 pCi/L. Subsequent samples collected from October 1991 to February 1992 had concentrations below the surface water standard. Samples collected after April 1991 had



Cyanide and nitrate are not listed as COCs in the HHRA for the subsurface. Were they considered as PCOCs and then rejected as COCs? Cyanide has a published reference dose (RfD) for oral exposure and would be pertinent to the non-carcinogenic health effect calculations in the HHRA. We know that nitrate is adversely affecting water quality. Is the same true for cyanide?

tritium concentrations below detection limits. The overall averaged concentration at this location was 55 pCi/L. Tritium samples collected at the Site boundary from 1991 to 2002 had a maximum reported concentration of 13,400 pCi/L in 1991. Maximum concentrations steadily declined in the following years from 3,310 pCi/L and were below detection limits from 1999 to present day. Detection limits ranged from 150 to 180 pCi/L at the Site boundary location.

The activity of tritium in groundwater and surface water near the SEP and for the Site as a whole are well below drinking water and surface water standards."

Cyanide and nitrate were rejected as PCOCs in subsurface soils because the maximum concentrations are below ALs. Cyanide maximum = 30.7 ppm and the AL = 2,040 ppm at risk 1E-06 and HQ = 0.1. The Nitrate maximum = 1,600 ppm with an AL =164,000 ppm.

Attachment II (Human Health Risk Assessment): 10 **Section 1.1 Site Description**

"... these ponds have historically received wastes such as... lithium metal, [and] lithium chloride...."

Was lithium considered as a PCOC? In Section 2.3 (Selection of Contaminants of Concern), it is stated that "All analytes listed in the Action level framework (ALF) are considered PCOCs." Lithium is in the ALF. Nevertheless, lithium does not seem to be included in the HHRA. Is there evidence of lithium in the SPP or in N.

Lithium was considered a PCOC in the risk assessment for surface and subsurface soil. This constituent was eliminated as a PCOC because the maximum concentrations were below ALs. The maximum concentration in surface soil = 46.3 ppm and AL= 2,040 ppm. The subsurface soil maximum concentration = 60ppm. Based on collected data, there is no evidence of lithium at the SEP or associated drainages.



| | Walnut Creek? | |
|----|--|---|
| 11 | Attachment II (Human Health Risk Assessment): Figure 2.6 IHSS PCOC Screening Process This diagram indicates that if the detection frequency of a PCOC is less than 5%, an analysis is done to see if the concentration of PCOC is greater than three times the PRG. In Section 2.3.4, it is stated that benzo(a)pyrene [B(a)P] was not "carried on as a PCOC because the ratio of the maximum detect to the PRG is less than 3, and the detection frequency is less than 5 percent." It is true that the ratio of maximum detect to the PRG for B(a)P was less than 3 for subsurface soil, as evidenced in Table 2.5 (PRG Screen for Subsurface Soil Above 6 Feet). However, as shown in Table 2.3 (PRG Screen for Surface Soil), that ratio is 4.87, which is greater than 3. Does that ratio not warrant B(a)P being considered as a COC? | Your observation is correct. However, Section 2.3.6, Application of Professional Judgement assesses benzo(a)pyrene in detail. This PCOC has a very weak data set that is dominated by qualified data. In addition, the observed detections were predominately at detection limits and the calculated 95% UCL was below the AL. Benzo(a)pyrene and other polyaromatic hydrocarbons (PAHs) are widespread in the environment due to breakdown products from asphalt. These PCOCs have no known historical use or specific release associated with Site operations or locations. |
| | STEWARDSHIP | |
| 12 | Stewardship is of great importance to the Coalition and must be integrated with remedy selection decisions to ensure the long-term protection and viability of selected remedies. We recognize that a stewardship evaluation section was incorporated in the PAM (Section 8.0). In addition, groundwater contamination was "discussed | The following text was added to Section 8.0 Long-Term Stewardship: "This stewardship evaluation describes current site conditions, proposed actions and the anticipated effect on current site conditions, and stewardship recommendations. |





briefly for the purposes of defining the nature and extent of contamination and to determine if additional soil remediation could reduce the long-term stewardship obligations of the Solar Ponds Plume (SPP) treatment system" (Section 3.1). Nevertheless, we are concerned that the document does not truly consider stewardship needs, but rather defers stewardship considerations to another document that won't be written for some time.

Current Site Conditions

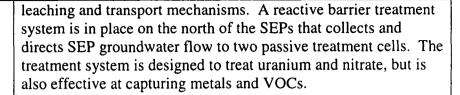
"Based on previous studies and removal actions at the SEP (Sections 2.0 and 3.0) all contaminant concentrations are less than RFCA ALs in surface and subsurface soil with the exception of manganese which was eliminated as a COC at this site. Radionuclides (americium, plutonium, and uranium) and metals (cadmium and chromium) are found in concentrations greater than background in surface soil. Radionuclides (americium, plutonium, and uranium) and cadmium are found in concentrations greater than background in subsurface soil. Americium and uranium are found in concentrations greater than background in the liner material.

Results of the risk assessment (Section 5.0 and Attachment II) indicate the cumulative HI for non-carcinogenic health effects was well below 1.0 at 0.04 for RME conditions. Total cancer risk to the WRW was 3E-07 and 2E-06 for radionuclides before removal of hot spots. Total cancer risk to the WRW following removal of hot spots is 1E-06.

Surface soil areas exceeding proposed soil action levels for americium-241 and plutonium 239/240 were removed in accordance with ER RSOP Notification #02-08 (DOE 2002b). These removals also resulted in removing soil with beryllium and cadmium concentrations greater than ecological receptor action levels. Lead was determined to be significantly lower than background and was eliminated as an ecological COC.

An evaluation of contaminant concentrations present in surface and subsurface soils associated with the ponds indicated that there is no source term present that could impact surface water by





Proposed Action Memorandum Measures

No further action is required at SEP, however several BMPs will be implemented including the following:

- Remove standing water within the ponds;
- Sample and analyze the liner material and soil beneath pond 207B-South;
- Collect additional samples of the liner material and soil beneath pond 207C;
- Push in pond berms;
- Add clean fill to create a level area; and
- Regrade and revegetate.

It is anticipated that after BMPs are completed the risks to receptors will be eliminated because surface soil and liner materials will be covered and contact via inhalation, ingestion, and external exposure to radionuclides and metals will be prevented.

Monitoring

Environmental monitoring, including downstream surface water and downgradient groundwater monitoring is being conducted as



part of the Site-wide IMP. There are currently 8 monitoring wells and 5 surface water monitoring stations. Additionally, groundwater is monitored to measure the effectiveness of the treatment system.

Stewardship Actions and Recommendations

Near- and long-term stewardship requirements are based on residual contamination at the SEP AOC. Because the risk assessment results indicate that environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system near-term stewardship actions for the SEP AOC consist of the following:

- 1. Control excavations through the Site Soil Disturbance Permit process;
- 2. Control access to groundwater; and
- 3. Install fencing and post signs restricting access to the site.

Long Term Stewardship Recommendations

Because the risk assessment results indicate that environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, the long-term stewardship actions and recommendations for the SEP AOC are as follows:

- 1. Continue Federal ownership and control over the site;
- 2. Land use restrictions to prevent soil excavation that could access or disturb residual contamination. Specific land use restrictions will be discussed in the Site Long-Term

| | | Stewardship Plan and evaluated along with other institutional controls for implementation in the final remedy selection process. |
|----|---|--|
| | | 3. Maintain the groundwater treatment system; |
| | · | 4. Restrict groundwater use; |
| | | 5. Review groundwater and surface water monitoring stations near the SEP when long-term monitoring options are evaluated; and |
| | | 6. Maintain environmental data and other relevant data. |
| | · | These recommendations may change based upon other future Site remedial activities. |
| 13 | Section 3.1 Groundwater Contamination | RFCA subsurface organic soil ALs were calculated based on the |
| | "Based on historical data, uranium and nitrate | potential to leach contaminants to groundwater and eventually to |
| | concentrations in surface soil and subsurface soil are all | surface water. Soil/water partitioning coefficients were used. |
| | below RFCA Tier I and Tier II action levels. In addition, | Refer to Table 4 in the ALF. |
| | lithium, nickel, and selenium are also below Tier I and Tier II action levels in both surface and subsurface soil. | Subsurface soil is capable of leaching contaminants to |
| | Therefore, no additional soil removal is required for purposes of reducing the long-term stewardship obligation of the SPP treatment system." | groundwater at concentrations greater than or equal to 100 x maximum contaminant levels (MCLs). If an MCL is lacking, the residential groundwater ingestion based preliminary |
| | | programmatic remediation goal (PPRG) value applies. |
| | RFCA soil action levels were not designed to be | A sell/ selection and district and a selection of the sel |
| | protective of surface water via groundwater. Thus | A soil/water partitioning equation and dilution factor were used to determine A Le for organise. |
| | contaminant concentrations in the SEPs relative to the | used to determine ALs for organics. |
| | RFCA soil action levels are not a valid basis determining whether additional source removal would decrease long- | Subsurface soil ALs for metals and radionuclides are the same |

term stewardship obligations. The question is whether there are pockets of contamination in the subsurface that continue to act as a secondary source, and whose removal may substantially decrease the required life cycle (and thus long-term cost) of the SPP treatment system. If a discrete secondary source has not been observed, please state this fact clearly. Comparison to action levels does not answer the relevant question.

as surface soil and are, therefore, human-health risk based.

Because the groundwater to surface water transport mechanism is active at RFETS, removal of potential soil sources protects both groundwater and surface water.

The following sentence was added to the fourth (now eighth) paragraph of Section 3.1: "A discrete secondary source of contamination has not been observed in the area of the SEPs."

Attachment II (Human Health Risk Assessment):
Section 2.2.7 Segregation of Samples by Media
Subsurface Soils: "Laboratory analyses of subsurface soil samples generally included the following analytical groups: VOCs, SVOCs, metals, pesticides, PCBs, and radionuclides."

We know that the SPP largely consists of nitrates. As evidenced in the previous comment, Kaiser-Hill and DOE do not believe additional remediation of nitrates (among other constituents) would decrease the expected life cycle of the SPP treatment system. Were nitrates sampled in the subsurface, as they were in the surface samples? If so, they were not included in the quoted list above. If not, how can the Site be sure a hot spot does not exist that could be removed in order to decrease long-term costs associated with the SPP treatment system?

Subsurface soil samples were analyzed for nitrate however, results indicate that concentrations in soil were less than Tier II ALs.

We know that the SPP largely consists of nitrates. As evidenced in the previous comment, Kaiser-Hill and DOE do not believe additional remediation of nitrates (among other constituents) would decrease the expected life cycle of the SPP treatment system.

Nitrates were sampled in the subsurface however results indicate that concentrations in soil were less than Tier II ALs. Nine subsurface soil samples were collected form the AOC. The maximum concentration was 1,600 ppm compared to screening



| | | action level at 1E-06 of 163,520 ppm. No hot spots were evident for this mobile contaminant in the subsurface. |
|----|---|--|
| 15 | Section 8.0 Stewardship | Tor this moone containmant in the substitute. |
| | A stewardship evaluation should consider long-term needs for the remedy, but this purpose is not achieved in Section 8.0, or anywhere else in the document. ER RSOP #02-08, which addresses a portion of the remedial action, does not include a stewardship analysis either, and states "the stewardship evaluation for these sites will be conducted as part of the PAM." Yet, as discussed earlier, there is no evaluation in the PAM. Section 8.0 states that stewardship mechanisms will be identified in the CAD/ROD. In previous discussions with the RFCA parties, the closeout report for an individual project is cited as the document where stewardship mechanisms will be captured. We are concerned that stewardship, which is integral to remedy selection, is not being considered during remedial actions and is continually being postponed to later documents. | Please see response to Comment 12. |
| | Although we recognize that specific stewardship mechanisms will be identified in later documents, it is still necessary to identify long-term stewardship needs early on in the decision document for a given remedy. We also recognize that groundwater is addressed under a different decision document, which complicates the stewardship analysis since stewardship must be addressed for the area as a whole and not in parts. Nevertheless, we believe the following considerations should be specifically addressed in the stewardship evaluation: | |



- Stewardship controls will be required to protect receptors from residual contamination. This is inferred by a reference in Section 8.0 to institutional controls and prevention of domestic use of groundwater. From what specifically are receptors being protected in the SEP AOC and SPP?
- Will areas of contamination be known via markers or some other type of physical control? Or will these areas be captured in a post-closure institutional control map?
- Will continued monitoring be required post-closure? Performance monitoring is mentioned in Section 3, but not listed in the stewardship section.
- How long will monitoring be required? How long does the Site anticipate the groundwater treatment system will be required?
- The authors of the Draft PAM should refer to recent stewardship language drafted by DOE for the Site Long-Term Stewardship Strategy document regarding institutional controls and the role of the refuge in institutional and physical controls. The LTS Strategy states the refuge will have "indirect benefits in terms of strengthening remedy-related institutional controls." However, the refuge as a type of land-use is not an institutional control in and of itself.
- Given that the stewardship requirements for the SPP treatment system and the SEP AOC are identified to varying degrees in two different decision documents, it will be difficult for future stewards to determine the long-term ramifications of this remediation as whole. Thus stewardship requirements referenced in the SPP

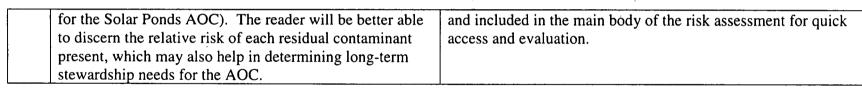


| | decision document (including monitoring and maintenance) should also be referenced in this PAM so that stewardship can be evaluated for the area as a whole and not as a sum of parts. ADDITIONAL COMMENTS | |
|----|--|---|
| 16 | As per the PAM, Kaiser-Hill and DOE intend to leave the SEP liners in place. We understand leaving the liners as is may reduce infiltration of water to the subsurface, thereby potentially reducing migration of subsurface contaminants in the future. Nevertheless, could a potential "perched water" situation be created if the liners are left in place without being breaching in any way, which could increase the chance for increased seepage of water out of the north hillside? If so, how does the Site intend to address this problem? | The following information has been added to Section 9.0: "When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope toward the northwestern corner. The A and C ponds slope towards the northeastern corner.) In addition, a majority of the sidewalls will be removed once the berms are pushed in, which will allow precipitation to flow out laterally. If after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, a GeoProbe TM) for purposes of breaching the liner material in additional locations." |
| 17 | Table 3.4 Intake Equations for the WLRW The equations listed are for risk, not intake. This discrepancy creates confusion when trying to reproduce the calculations. In addition, the "concentration in soil" | These clarifications were made to the risk assessment. Table 3.4 presents equations for risk and intake. A footnote was added to the table to state that risk is equal to intake of x (slope factor). The units of mg/kg for the concentration in soil (CS) have been |
| | | The units of mg/kg for the concentration in soil (CS) have been changed to include pCi/g for radionuclide intake and risk |

| | track for the radionuclide risk equations. Lastly, what are the units for the "1000" and "0.001" conversion factors in the radionuclide calculations? | calculations. The units for all conversion terms have also been added to the table for 1,000 g/kg, 0.0001 g/mg, and 0.000001 kg/mg. |
|----|---|---|
| 18 | Table 3.5 Chemical Intakes for the Wildlife Refuge Worker from Surface Soil and Liner Materials at the SEPs and Table 3.6 Chemical Intakes for Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material at Solar Ponds The unit for external radiation intake from surface soil is listed as "yr/pCi/g" in Tables 3.5 and 3.6. This unit should be "yr-pCi/g". Why is the "Total Intake" for radionuclides listed as "NA" for surface soil and pond liner in Table 3.5, but not for subsurface soil in Table 3.6? | The units were corrected to yr-pCi/g as suggested for external exposure to correctly reflect the relationship of risk or dose to the integral of concentration in pCi/g over time. |
| 19 | Section 5.2 Carcinogenic Risk Equation 5.2: The units for chemical risk are presented, but not for radionuclide risk. What are the units for cancer risk calculated for radionuclides? | A separate formula has been added for radionuclides using units of (pCi) (Risk/pCi) = Risk |
| 20 | Section 5.3 Solar Evaporation Ponds AOC It would be very helpful to provide a breakdown by chemical of the risks summarized in Tables 5.1 (Hazard Indices for Wildlife Refuge Worker Receptors) and 5.2 (Summary of Wildlife Refuge Worker Carcinogenic Risks | Agreed. A breakdown of risk by COC and exposure pathway is shown in Appendix C, Tables 6 and 8 for surface and subsurface soil. Table 9 in Appendix C shows a percentage breakdown of risk by COC. A summary table Table 5.3 has been constructed |







| | CDPHE Comments, Dated October 9, 2002 Draft SEP PAM | Response |
|---|---|---|
| | EXECUTIVE SUMMARY | · |
| 1 | The first sentence in the first paragraph seems too long, is difficult to follow and should be broken up. The second portion of this sentence beginning with "since a release" should be further explained. A second sentence containing the information defining the term "this contamination" should be included. | This comment was accepted and the text was rewritten as follows (before the Proposed Action Memorandum [PAM] was released for public comment): "Closure of the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101, at Rocky Flats Environmental Technology Site (RFETS), is proposed under alternative Resource Conservation and Recovery Act (RCRA) interim status closure requirements found in 6 Code of Colorado Regulations (CCR) 1007-3, 265.110(d). Alternative closure requirements are proposed because a release from the SEP has occurred resulting in radiological and hazardous constituent contamination. Releases from other units in the area of the SEP have also contributed to the SEP area of contamination." |
| 2 | In the second paragraph, it would be helpful if 'cumulative hazard index' was defined and a value threshold explained in this section for individuals that are not familiar with this term. | This comment was accepted and the following explanation was provided after the third sentence in the second paragraph (before the PAM was released for public comment): "(Hazard Index >1 indicates adverse non-carcinogenic health effects are expected, and action is warranted for protection of public health.)" However, since the PAM was released, additional clarification has been provided and the sentence added above has been deleted. Instead the following footnote has been added: "The potential for non-carcinogenic effects is evaluated by comparing an exposure level over a specified time period (for |

| | example, lifetime) with a reference dose (RfD) derived for a |
|---|---|
| · | similar exposure period. An RfD represents a level that an |
| | individual may be exposed to that is not expected to cause any |
| • | deleterious effect. The ratio of exposure to toxicity is called a |
| | hazard quotient (HQ). An HQ<1 indicates that a receptor's |
| | dose of a single contaminant is less than the RfD, and that toxic |
| | non-carcinogenic effects from the chemical are unlikely. The |
| | Hazard Index (HI) is the sum of the HQs for all chemical(s) of |
| | concern that affect the same target organ (for example, liver) or |
| | that act through the same mechanism of action within a medium |
| | or across all media to which a given individual may reasonably |
| | be exposed. An HI<1 indicates that toxic non-cancer effects |
| | · |
| • | from all contaminants are unlikely. An HI>1 indicates that site- |
| 4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1 | related exposures may present a risk to human health." |
| | This comment was accepted and the changes were made to this |
| | sentence before the PAM was released for public comment. |
| | |
| | |
| | This comment was accepted and the following changes were |
| | made to the first paragraph, first and second sentence, and to |
| RFCA were described in the first paragraph and closure of | the second paragraph, new first sentence (before the PAM was |
| the interim status unit were described in the second. | released for public comment): |
| | "This Proposed Action Memorandum (PAM) decision |
| | document serves to close the Solar Evaporation Ponds (SEP), |
| | Individual Hazardous Substance Site (IHSS) 101. IHSS |
| | accelerated actions and Resource Conservation and Recovery |
| | Act (RCRA) unit closures are approved by the U.S. Department |
| | of Energy (DOE), Colorado Department of Public Health and |
| | Environment (CDPHE) and the U.S. Environmental Protection |
| | Environment (CD1 11D) and the Cib. Environmental 1 retection |
| | Agency (EPA) under the Rocky Flats Cleanup Agreement |
| | Add the phrase, "and replacement wells installed", after the word "abandoned" in the last sentence of the fourth paragraph. SECTION 1.0 The description of the regulatory process in the first 2 paragraphs might be clearer if closure of IHSS 101 under RFCA were described in the first paragraph and closure of the interim status unit were described in the second. |

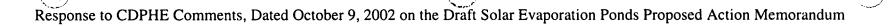
| 5 | Changes to first 2 sentences in first paragraph: "This Proposed Action Memorandum (PAM) decision document serves to close the Solar Evaporation Ponds (SEPs), Individual Hazardous Substance Site (IHSS) 101. Accelerated actions and closures of IHSSs are approved by the Department of Energy (DOE), the Colorado Department of Public Health and Environment (CDPHE, and the Environmental Protection Agency (EPA) under the Rocky Flats Cleanup Agreement (RFCA) (DOE/CDPHE/EPA, 1996)." | under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and a compliance order on consent under RCRA and the Colorado Hazardous Waste Act (CHWA). Therefore, actions associated with IHSS 101 will be completed under RFCA and closure of the SEP will be completed under RCRA. This PAM also serves as the RCRA/CHWA closure plan for the SEP, which are a RCRA interim status unit. However," This comment was accepted and these changes were made to the text (before the PAM was released for public comment). Please see response to Comment 4. |
|---|---|--|
| 6 | New first sentence of the second paragraph: "This PAM also serves as the Resource Conservation and Recovery Act (RCRA)/ Colorado Hazardous Waste Act (CHWA) closure plan." | This comment was accepted and this change was made to the text (before the PAM was released for public comment). Please see response to Comment 4. |
| 7 | Changes to the end of the third paragraph: "which provides for alternative requirements that are protective of human health and the environment. DOE has proposed a modification to Attachment 10However, because the proposed modifications to the other RFCA Attachments are | This comment was accepted and this change was made to the text (before the PAM was released for public comment). |

| | still under development" | |
|----|--|--|
| | Section 1.1 | |
| 8 | The second sentence of the third paragraph states that "Results of the risk assessment were used to determine if any actions or if additional sampling was warranted". Determining whether or not to collect additional samples would be partially based on a statistical spatial analysis that was not included in the risk assessment. This analysis must be made to demonstrate that sample coverage is adequate. | This comment was accepted and a Data Adequacy Evaluation has been performed and is now included as Attachment I to the PAM. |
| | Section 3.1 | |
| 9 | Lithium is a COC for groundwater from the SEPs. | This comment was accepted and lithium has been added to Section 3.1, specifically Paragraphs 3 (now 6) and 5 (now 8)to indicate lithium has been detected in groundwater monitoring wells. This change was made before the PAM was released for public comment. |
| 10 | It would be helpful if you included a short description of the groundwater conditions for informational purposes, such as depth to groundwater and aquifer characteristics. It is not clearly stated that you have sufficient information to conclude that remaining surface and subsurface contamination will not further contribute to groundwater contamination. This should be explained if that is indeed the case. | This comment was accepted and the following information was added to Section 3.1: "The groundwater flow path in the area of the SEP is very complex due to the varying thickness of the unconsolidated deposits and weathered bedrock units and the highly variable primary and secondary permeabilities of the two units. The combination of the varying thickness of the unconsolidated deposits and seasonal water table fluctuations result in large areas of the unconsolidated deposits in the area of the ITS becoming unsaturated. The hydraulic gradient between the |

| | | unconsolidated deposits and weathered bedrock at the SEP is downward, due to infiltration of rainfall at the ponds. General depth to groundwater beneath the SEPs has historically been approximately 10 to 20 feet (DOE 1999). However, based on the dry conditions during 2002, depth to groundwater is approximately 25 to 30 feet. Recharge and subsurface inflow to the SEPs area originates from both natural and anthropogenic sources. Sources of recharge to the SPP include natural groundwater flow entering the SEP area from the west and southwest, infiltration of precipitation on the SEP and ITS hillside, runoff from the former PA directed to the ITS, and water used for dust suppression at the SEP (DOE 1999). At the SEP, the UHSU groundwater contains high total dissolved solids (TDS) concentrations, most notably in the immediate vicinity of the ponds and the portion of North Walnut Creek located north of the SEP. Leakage of process water concentrated by evaporation from the ponds provided a source of chemically distinct water to groundwater in the IHSS area. Concentrated water is easily distinguished from natural recharge water by its high TDS and major-ion contents (EG&G 1995c)." |
|----|---|---|
| | Section 3.2.2 | |
| 11 | We recommend that you include summary information such as depths of samples analyzed and contamination detected at these depths to give a clearer picture of the situation in | This comment was accepted, and the various depth ranges were added to Section 3.2.2. The following text was also added: "Subsurface soil samples were collected from within the 0 to 6 |

| | the subsurface. | foot depth interval, the 6 to 12 foot depth interval and depths greater than 12 feet. (Most samples stopped at the top of bedrock.) Samples outside the SEP were composited over 6-foot intervals, with the exception of samples for VOC analyses, which were collected at discrete 2-foot intervals. The sample intervals for collection of subsurface samples beneath the SEP were specified in TM No. 2 and varied from those subsurface samples collected outside the SEPs: Samples composited over 2 feet intervals: Radionuclides, Target Analyte List (TAL) metals. Samples collected 2 feet below ground and every other 2 feet, and one sample from bedrock: VOCs Samples composited over 4 foot intervals: Nitrate Samples composited over 6 foot intervals: SVOCs, pesticides, PCBs, cyanide, sulfide." And this statement was added to the end of this section: "(For specific depths and concentration of contaminants, see the various tables in Appendix A of the risk assessment.)" |
|----|---|---|
| | Section 5.0 | |
| 12 | It is unclear to what two exposure scenarios the second sentence of the fourth paragraph is referring. | This comment has been accepted and the sentence has been edited to delete a reference to two exposure scenarios (before the PAM was released for public comment). |
| | Section 6.0 | |
| 13 | In several instances in this section (and at the end of Section 5.0), the statement, "determined not to be contaminated with hazardous waste", is used. Such a statement can only | This comment was accepted and the sentences have been modified to reflect that either the soil or liner material does not contain hazardous waste above a 1E-05 risk to a WRW (before |

| | be used if a determination has been made that a media does not contain a listed or characteristic waste. A determination that certain media are below a 1E-05 risk to a WRW is not a valid hazardous waste determination. These statements should probably be limited to explaining that these media do not contain hazardous waste above a 1E-05 risk to a WRW. | the PAM was released for public comment). |
|----|---|---|
| | Section 8.0 | |
| 14 | This section should state whether there are elements of the final surface and vegetation cover the SEPs that will require maintenance to be effective. | Because a cover will not be placed over this area, regrading and revegetation will be consistent with the other areas of the Site. |
| | Section 9.0 | |
| 15 | Some elements of the proposed best-management practice actions may impact the Solar Ponds Plume. The thickness of the unsaturated zone across the area needs to be provided along with an assessment of the evapotranspiration properties expected from the materials used to cover the site. A realistic assessment of recharge with the finished configuration should be provided, with and without breaching the liners. These assessments could be conducted with the UZ module of MIKE SHE or UNSAT-H. | In response to this comment and Rocky Flats Coalition of Local Governments (RFCLOG) comments the following paragraph has been added to Section 9.0: "When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds and from recent samples taken through the liners, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope towards the northwestern corner. The A and C ponds slope towards the northeastern corner.) In addition, a majority of the sidewalls will be removed after the berms are pushed in, which will allow precipitation to flow out laterally. If, after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, GeoProbe TM) for |



| | | purposes of breaching the liner material in additional locations." |
|----|--|---|
| | General Comments | |
| 16 | Information should be provided in the Closeout Report on type, location, depth and contaminant characterization of any pipeline left in place. Any pipelines encountered during regrading should be removed. | The information requested to be included in the Closeout Report is consistent with the type of information currently included in Closeout Reports. In addition, any pipelines encountered during regrading will be removed, as requested. |
| 17 | References to existing Tier I and Tier II action levels and proposed new WRW-based action levels is confusing. Soil below Tier I, but above new action levels need to be identified. | The purpose of including both current Tiered action levels and the new proposed soil action levels is to demonstrate that the SEPs area complies with both action levels. Clarification has been added to section 3.2 and to Table 6-1 to eliminate this confusion and to emphasize compliance with both. |



| | | T |
|----|--|--|
| 7 | Page 16-Section 2.3.1: Please provide a table showing a comparison between site concentrations and western U.S. background levels of calcium, iron, magnesium, potassium and sodium. | Intakes comparison to RDAs and Western US background ranges is shown in Table 2.3. |
| 8 | Page 17-Table 2.2-Calculation of element intakes: For the majority of the elements (see ratio column in table below), a re-calculation produced values, which are 100-fold higher than those presented in the table. Overall, it should have little effect on which chemicals are carried through the risk assessment. However, the calculations should be double checked prior to finalization. | The intakes were reviewed and corrected as necessary. |
| | For example, using a maximum concentration of 7,650 mg/kg manganese and assuming an intake of 200 mg of soil per day, an intake value of 1.53 mg/day was calculated. 7650 mg/kg * 200 mg/day * 1kg/1E06 mg = 1.53 mg/day (See also attached table, identified as Table I, which was also included with these comments.) | |
| 9 | Page 21-Table 2.7: Footnote for "a" is missing. Since the liner is a manmade material, it may not be appropriate it is to compare this material to soil background levels. | Liner results were compared to surface soil PRGs in Table 2.5 and Section 2.3.6 in accordance with agreements made with the regulatory agencies. |
| 10 | Page 22-Dibenzo (a,h) anthracene: Please provide a similar discussion for dibenzo (a,h) anthracene as was given for benzo (a) pyrene. (e.g., provide the summary statistics and compare to a PRG) | The additional text was added. |
| 11 | Page 22-Arsenic-Bottom of Page: The text states that there | The text was modified to indicate that arsenic was statistically |

| | was no evidence of arsenic contamination in the surface soil or the liner materials. However, arsenic failed the preliminary PRG screen in surface soils. | below background and was dropped as a COC. |
|----|--|--|
| 12 | Page 23-Section 2.3.7: Please provide a list of those chemicals for which no toxicity values were available. | The risk assessment only considered ALF analytes. All ALF analytes without toxicity values were listed in Table 2.15. |
| | Exposure Assessment | |
| 13 | Page 27-Table 3.1: Although an upcoming comment will ask that you remove this parameter from the table and reformat the equations follow those presented in the RSALs document, this parameter should be 230/365 rather than 250/365. | This was changed in Table 3.1. |
| 14 | Page 29-Third bullet-gamma-exposure time factor: This parameter will be handled differently once the equations are reformatted. Rather than having a separate parameter called Te_d, the exposure time of 4 hours per 24-hour day will be used. This results in the same value, but is just presented differently. | Daily gamma time factor is used by EPA and is now shown in the table. The daily gamma time factor is used in the risk assessment because the hours per day of exposure are needed for the occupational worker exposure to penetrating radiation. |
| 15 | Page 30-Section 3.3: This section would be better situated prior to presenting the exposure parameters. | This Section was moved to Section 3.2, ahead of Exposure Scenarios. |
| 16 | Page 32-Section 3.4: Second paragraph-Remove the word "be" from "This method was be used" Third paragraph- The EPA reference is missing a number in the date. | The text was corrected as suggested. |

| 17 | Page 36-Table 3.4: Please revise the external radionuclide equation to match the one in the RSALs Task 3 report. Although the two equations result in the same calculated values, the nomenclature from the RSALs report should be utilized. In other words, the Te_A and Te_D parameters are no longer needed, since Te_A is essentially the ED/365 and Te_D is ET/24. | The equation was changed as suggested. |
|----|---|--|
| | There is a parameter name EV (events per day) listed in the dermal equation, which is not defined in the exposure factors table (Table 3.1 and 3.2). This parameter was apparently never used, and should therefore be removed from the equations. | The EV needs to be shown in Table 3.4 and is needed for correct units. EV was set to 1. This was noted in Table 3.4. |
| | The table indicates that the AWF was set to 1, when it should indicate that the AUF was set to 1. | AWF was changed to AUF. |
| 18 | Page 37-Table 3.5:Attempts to recalculate the chemical intake values presented in this table were unsuccessful. With the assumption that the HQ=intake/RfD, an intake value should be equivalent to the final HQ value (presented in Table C-3) multiplied by the RfD in Table 4.1. | All intakes were checked and corrected as necessary. |
| | For example: Surface Soil Cadmium HQ (Table C-3) = 0.03 RfD (Table 4-1) = 1.00E-03 | |
| | Therefore: Intake should equal 3E-05 | |
| | However, the intake in Table 3-5 shows a value for cadmium of 1.1E-04. | |



| Resp | onse to CDPHE Comments, Dated October 9, 2002 on the Dra | ft Solar Evaporation Ponds Proposed Action Memorandum |
|------|---|---|
| | A forward-going calculation of intake using all of the parameters and exposure point concentrations provided in the text was also done. The resulting intake was 2.74E-05 (or essentially still 3E-05). | |
| | Please double check the source of the intake values that are presented in Tables 3.5, 3.6, C.2 and C.4. Several forward-going re-calculations resulted in the same end HQ values resulted, just not the same intakes. | |
| | Risk Characterization and Uncertainty | |
| 19 | Page 44-First Line: "radionuclides are presented A." Should this say in Appendix C? | The data are presented in Appendix C. |
| 20 | Page 44-Section 5.3.1: Please identify for the reader, which | The text was changed to identify RCRA analytes. Table 5.4 |

identifies risk by media, analyte, and exposure pathway.

chemicals constitute the RCRA chemicals summarized in

the risk tables. For example, out of the COCs evaluated, only uranium is not included in the Hazard Index Summary. Perhaps a quick table could be developed that summarizes, which chemicals are incorporated into the final values.

Page 45-Third Paragraph: Remove the "is" from "The major The text was corrected.



21

contributors is to risk..."

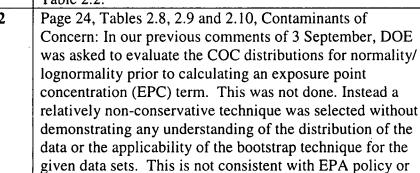
| Table I | (reference commen | t number (| 6 under | Appendix A | -HHRA) |
|---------|-------------------|------------|---------|------------|--|
| Laviel | | t mumber v | o unuci | appendix a | * -#################################### |

| Chemical | Sunface Soil Come (mg/lsg) | | Recalculated Daily Intake | | Draft Final SEP RA | | Ratio of Recalculated to SEP values* | | |
|------------|----------------------------|--------------------------|---------------------------|---------|--------------------|---------|--------------------------------------|----------|--|
| Chemicai | | urface Soil Conc (mg/kg) | | (mg/kg) | | (mg/kg) | | | |
| | Mean | Max | Mean | Max | Mean | Max | Mean | Max | |
| Calcium | 23120 | 248000 | 4.62 | 49.60 | 0.04 | 0.5 | 115.6 | 99.2 | |
| Chromium | 20.99 | 120 | 0.004 | 0.024 | 0.00004 | 0.0002 | 104.95 | 120 | |
| Copper | 19.89 | 88.6 | 0.004 | 0.018 | 0.00004 | 0.0002 | 99.45 | 88.6 | |
| Iron | 12706 | 27900 | 2.54 | 5.58 | 0.02 | 0.06 | 127.06 | 93 | |
| Magnesium | 2570.7 | 6500 | 0.51 | 1.30 | 0.005 | 0.01 | 102.828 | 130 | |
| Manganese | 308.8 | 7650 | 0.06 | 1.53 | 0.0006 | 0.02 | 102.9333 | 76.5 | |
| Molybdenum | 2.36 | 4.95 | 0.0005 | 0.0010 | 0.000005 | 0.00001 | 94.4 | 99 | |
| Nickel | 15.1 | 176 | 0.003 | 0.035 | 0.00003 | 0.0004 | 100.6667 | . 88 | |
| Selenium | 0.376 | 0.75 | 0.0001 | 0.0002 | 0.007 | 0.02 | 0.010743 | . 0.0075 | |
| Silicon | 3432.6 | 11300 | 0.69 | 2.26 | 0.000002 | 0.00001 | 343260 | 226000 | |
| Vanadium | 29.8 | 67.6 | 0.006 | 0.014 | 0.00006 | 0.0001 | 99.33333 | 135.2 | |
| Zinc | 64.4 | 460 | 0.013 | 0.092 | 0.0001 | 0.001 | 128.8 | 92 | |

^{*}With the exception of selenium and silicon (shaded), the ratios between the recalculated intakes and those presented in the risk assessment are 100-fold (with variation attributable to rounding)



| | EPA Comments, Dated October 9, 2002 Attachment II-Human Health Risk Assessment, Solar Evaporation Ponds | Response |
|---|---|---|
| | Selection of COCs | |
| | Page 17, Table 2.2, Comparison of Element Intake: In our previous comments DOE was asked to compare the analytes they were referring to as essential nutrients to toxicity reference values to ensure that unsafe levels were not being eliminated as COCs. The first choice of a toxicity reference value should always be the IRIS or HEAST databases. Other values, such as FDA's Recommended Daily Allowance (RDA), should be used as a last choice when no values are available from IRIS or HEAST. This hierarchy of toxicity information is described in EPA's 1989 Risk Assessment Guidance for Superfund. This table should be revised to be consistent with that guidance. Reference Doses and cancer slope factors are available for chromium, copper, manganese, molybdenum, nickel, selenium, vanadium and zinc. If an appropriate risk-based PRG was done elsewhere, then those analytes should be deleted from | Essential nutrients with toxicity values in IRIS and HEAST were compared to ALs. Essential nutrients without toxicity values in IRIS and HEAST were compared RDAs. Table 2.3 was added to show the RDA and background comparison. In addition, the essential nutrients without toxicity values were compared to the range reported for Western US soils. All analytes were below ALs, toxicity values and RDAs and were within the reported background range. |
| 2 | Table 2.2. Page 24, Tables 2.8, 2.9 and 2.10, Contaminants of | The risk assessment was revised to determine the distribution |
| | Concern: In our previous comments of 3 September, DOE was asked to evaluate the COC distributions for normality/ | for each analyte as requested, and described by EPA 1992 guidance. Tables (Table s 2.8 through 2.13) with results of th |



The risk assessment was revised to determine the distribution for each analyte as requested, and described by EPA 1992 guidance. Tables (Table s 2.8 through 2.13) with results of the distributional testing and the process used are documented in the risk assessment. Transformed and non-transformed data were evaluated.

A Data Adequacy Evaluation was performed and submitted as Attachment I to the PAM. Use of the Bootstrap non-parametric



sound environmental statistics. The first step is to evaluate the data for normality or lognormality. This can be done using histograms, probability plots or goodness of fit (GOF) tests. The *simplest* way to do this is to use the W test for data sets with n< or =50, or D'Agosino's test when n is between 50 and 1000. Use an alpha = 0.05. If the distribution is normal (or lognormal using the transformed data), the EPA 1992 guidance should be used to calculate the EPC. If the distribution is neither normal or lognormal, the bootstrap-t method or a distribution specific method can be used to calculate the EPC. This process **must** be documented in the risk assessment. Tables must be provided showing the results of the GOF tests on both the

transformed and non-transformed data and the statistical

significance.

The most serious shortcoming of the bootstrap method is that the simulations are bound by the minimum and maximum detected concentrations. If sample size is small (i.e., less than 30) and there is uncertainty regarding the representativeness of the data collected, the bootstrap results could underestimate the true mean concentration at a site, resulting in erroneous decisions of "no risk". From Tables 2.8-2.10 it appears that the surface and subsurface data sets have an adequate number of samples, however, the liners do not. A bootstrap method should not be applied to an n of 15.

re-sampling method to determine UCLs is consistent with recent EPA guidance and discussed by EPA as a viable technique. This technique is not necessarily non-conservative and the Data Adequacy Evaluation demonstrated this for the surface soils that dominate risk at the SEP. All statistical tests are bounded by minimum and maximum detected concentrations, so this is not a constraint unique to Bootstrap. However, we agree that the Bootstrap should not be used with small sample sizes less than n = 30.

Recent EPA (1997 and 2002) guidance discusses the limitations of using an assumption of lognormality to quantify UCLs and reaching decisions based on log-transformed data. Non-parametric tests including the Bootstrap and Geostatistics are specifically discussed in recent EPA guidance and are recommended when distributional assumptions are questionable or when there is an evident spatial pattern. Even an apparent lognormal distribution may not be truly lognormal due to the presence of multiple populations in the observed data. Thus, use of lognormal UCLs can greatly overestimate or underestimate the true mean and it's associated variance. This was observed in the Data Adequacy Evaluation, Attachment I of the PAM.

Ref: EPA 1997. Technology Support Center. The Lognormal Distribution in Environmental Applications.

Ref: EPA 2002. Calculating Exposure Point Concentrations at Hazardous Waste Sites.

Page 27, Table 3.1 and Table 3.2: In our previous comments

The equations are consistent with EPA 2000 Soil Screening

| | of September 3 rd , we asked DOE to use the same equations for calculating radionuclide risk which were used in the Task 3 report and which are specified in EPA's 2000 Soil Screening Guidance for Radionuclides. This still has not been done. The gamma exposure factors listed in Tables 3.1 and Table 3.2 are variables in the older, outdated equations, not the newer ones. A footnote should be added for the dermal adherence factor explaining what it is based on since it is not a recommended default value in the EPA guidance (e.g., 95 th percentile for grounds keepers). A footnote should be added for the surface area factor explaining what it is based on (e.g., 50 th percentile for men and women for hands, forearms, and faces). | Guidance for Radionuclides. The exact equations in the EPA 2000 Soil Screening Guidance for Radionuclides or the Task 3 report cannot be used because these equations are for continuous exposure and the WRW has a limited occupational exposure of 8/24 hours per day. Subsequent discussions resulted in corrections to the RSAL equations to limit worker gamma exposure from the continuous exposure used in the RSAL report. Based on EPA 2001 guidance, a weighted soil dermal adherence factor (AF_d) of 0.1 was used. This was based on the upper 95% value for a groundskeeper and a geometric mean for a commercial gardener. This text was added. The surface area factor, 4,260 cm², was used based on EPA 1997 guidance. The upper 95% value for head, forearms, and hands was used. Text was added to clarify this concept. |
|---|--|--|
| 4 | Page 29, 3 rd bullet: See comment #4 above. | The text was changed as discussed in Response 2 above. |
| 5 | Table 3.4, Intake Equations: The inhalation risk equations for radionuclides, carcinogens and non-carcinogens have one too man Exposure Time (ET) variables. One of them has to go. | ETo was removed from the equation because it was set to 1.0. |
| | The dermal equation for non-carcinogens is missing an exposure frequency (EF) and exposure duration (ED) variable. | The text was corrected. |
| | The external equation for radionuclides is outdated and | The external equation for radionuclides is current and consistent with EPA and other federal guidance. The equation in the Task |



| 4 | |
|---|--|
| 1 | |
| - | |

| | inconsistent with the Task 3 report. | 3 report could not be used as presented for the worker, because this equation is for continuous residential exposure. |
|---|--|---|
| 6 | Page 40, Dermal Exposure to Chemicals: | The text was corrected in Section 4.0. |
| | The last sentence in this section states that because no adjustments were made to the toxicity values when assessing dermal exposure, this adds conservatism to the assessment. This is incorrect. The reverse is true. By using a default value of complete (i.e., 100%) oral absorption you are actually <u>underestimating</u> risk (Risk Assessment Guidance for Superfund, Part A (Appendix A.1) and Part E (page 4.4)). This should be noted and the section on page 40 revised accordingly. If desired, the oral toxicity factors can be adjusted based on GI absorption for assessing dermal exposure. It would make the assessment more technically accurate. | |

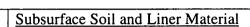


| | RFCAB Comments, Dated November 7, 2002 | Response |
|---|---|---|
| | CHARACTERIZATION: Attachment 1, the Data Adequacy Evaluation, concludes: "Statistical and spatial analyses both indicate that the sampling at the SEPs is adequate, especially in view of the low estimated risk observed." | |
| 1 | Although some new soil samples were taken near valve vaults, sumps, potential OPWL leaks, and RCRA Units 21 and 48, the site is depending on historical data in order to characterize the liners and the soil beneath the ponds and around the pond berms. Per maps provided in the risk assessment, one of five ponds (Pond B-South) had no subsurface characterization at all, and another (Pond C) had characterization only in the depth profile perhaps due to leakage. Pond C is in the vicinity of an original unlined pond, whose soils were regraded and possibly incorporated into the berms of Pond C at the time of its construction in 1970. In terms of historical sampling, how were sample density and location determined, and why were the areas noted above excluded? | Sampling strategies and methodologies for OU 4/IHSS 101, SEP are documented in the Final Phase I RFI/RI Workplan, dated January 1992, Revision 1 dated May 1992 (Administrative Record Number OU04-A-000172 (approved by CDH and EPA on May 8, 1992, OU04-A-000147). In addition, based on significant comments from both CDH and EPA, two Technical Memorandums (TMs) were written to clarify how sampling would be conducted. (TM No. 1-Vadose Zone Investigation, December 1992 [OU04-A-000241] and TM No. 2-Modification to Field Activities, May 1993 [OU04-A-000648]. Based on these documents and comment responses, the types of samples collected and locations/sample density that were agreed upon between CDH, EPA, and DOE are as follows: Surface Soil Based on a review of the 1989 soil sampling data, contamination around the ponds indicated aerosol dispersion existed from the ponds. This observation prompted an OU 4-wide surficial radiological survey for alpha and beta/gamma radiation. Based on these results, surface sampling was divided into two sampling sets: 10 surface soil samples were to be collected in areas exhibiting the highest radiological levels found during the |
| | | survey, in areas where data gaps existed and where seeps were encountered; and 25 surface soil samples were to be collected in randomly chosen locations throughout the OU 4 area. |









- A geophysical investigation was conducted to locate buried lines and structures and distinguish between unconsolidated/consolidated material.
- Vadose zone monitoring was conducted to determine infiltration characteristics, identify perched water horizons and characterize vadose water quality.
- Borings were placed to characterize lithologies, soil, and chemistry, as well as to identify the old clay liner, depth to groundwater and bedrock; migration pathways; and patterns of leakage.
- Unconsolidated soil sampling was conducted under the ponds, in areas surrounding the ponds and in the vicinity of the Interceptor Trench System (ITS).
- Agencies agreed to place 48 boreholes as follows: 4 within the original pond area, 26 within the existing pond area, and 18 within the ITS area and the remainder of the OU.
- It was agreed that three borings would be placed within each pond, except for the A pond, which would have six. Liner material and subsurface soil samples were to be collected. At this time Ponds 207-C and 207-B-South still contained liquids and it was agreed to postpone placement of these borings.
- In April 1995, the C pond still contained some liquids; however, three borings were placed into this pond (locations 48195, 48295, and 48395). Samples were collected of liner material and subsurface soil at depths of 0-0.5, 0.5-2.5, 2.5-4.5, and 4.5-6.0 feet (IA-A-000335). These data were



rejected.

| Respo |
|-------|
|-------|

included in the risk assessment. Although Attachment I of the draft PAM indicates the data were not validated, the data

were used in the risk assessment because the data were not

- Based on a January 4, 1995, letter from CDPHE, Ponds 207-A and all of the B-series ponds were considered "empty" (I101-A-000288).
- Based on the sampling results of the Phase I RFI/RI, a draft IM/IRA was written in February 1995. Based on comments to this IM/IRA from CDPHE dated April 11, 1995, CDPHE requested the IM/IRA to clarify that drilling beneath Pond 207-B South was no longer planned. The liner of this pond demonstrated integrity that precluded the need for additional RFI/RI investigation (I101-A-000289).

RFCAB recommends that the site not rely solely on historical data for the pond liners, berms and soil beneath the ponds. New samples should be taken in order to better characterize these areas. Similar to the 903 Pad remediation project, the samples should be independently verified. While the Data Adequacy Evaluation concluded that sampling was adequate to show with 95% confidence that residual contamination does not pose unacceptable risk to a hypothetical refuge worker, it does not speak to the question of whether more sampling is needed to analyze contaminant migration potential and impacts to surface water. RFCAB feels additional sampling would be of value for long-term stewardship purposes.

Based on the discussions and comments on the Phase I RFI/RI Work Plan and on TMs No. 1 and 2 as referenced in the response to comment 1, extensive sampling has been performed to characterize contaminant migration pursuant to the RFI/RI. In addition, once all comments and changes were made to these documents to ensure adequate characterization was performed, including the identification of migration pathways, all of these documents were approved by both regulatory agencies.

In addition, no such sources in the soil were identified that could potentially leach contaminants and impact surface water via vadose zone transport. Groundwater data confirm that the uranium and past tritium plumes are disperse, dilute, and generalized. Thus, the existing plumes are not indicative of discrete soil source terms at the SEP. In addition, key COCs that drive risk (Am-241, U-235, and U-238) are radionuclides with

| | | fairly high partition coefficients and are relatively immobile. Finally, an existing treatment system is in place to intercept and capture any contaminants from the ponds prior to impacting surface water. |
|---|---|--|
| 3 | radionuclides with field instruments. Given the relatively small size of the area, RFCAB recommends that DOE look into the feasibility of doing field surveys to provide | Please see response to Comment No. 1. An OU 4-wide surficial radiological survey for alpha and beta/gamma radiation was conducted to determine the lacement of several surface soil samples historically. |
| | detected and remediated. | However, use of more portable detection equipment would not be possible given the instrument sensitivity and weak gamma emissions from Am-241 of 60 kev at 36% occurrence. Am-241 also has a low Gamma Ray Dose Constant of 8.479E-05 (mSv/h)/MBq. An adequate number of surface soil samples have already been collected across the SEP area, including the ponds themselves. Additional samples have subsequently been collected as part of the RSOP effort and removal of hot spots. No additional hot spots were observed during RSOP sampling. |
| 4 | Although regrading of the area is considered a best management practice, and therefore, outside the scope of the decision document, there exists the potential to expose contaminants in the process. RFCAB recommends that any potentially contaminated subsurface soil to be exposed by regrading be characterized to show that the resultant surface contamination is below action levels. An example of this is soil currently beneath the liners that will be exposed when the liners on the slopes of the berms are peeled back. Likewise, if there are areas where Old | Historical sampling beneath the liners has shown concentrations to be below current ALs. In addition, the berms will be pushed in and the entire area will be regraded with fill material. There will be no subsurface soil exposed at the surface. Also, during field activities involving peeling back the liners, radiological control technicians (RCT's) have randomly surveyed field equipment periodically each day to ensure elevated levels of contamination have not been encountered. The liners have very little risk and will be completely covered with berm soil. A very low risk was also associated with |
| | Process Waste Lines (OPWL) or other subsurface features are brought near the surface by regrading, these should be analyzed for possible removal consistent with the proposed | with berm soil. A very low risk was also associated with subsurface soil with a maximum Am-241 concentration of 6.1 pCi/g. Confirmation samples will be collected on the final |

| | | T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|---|---|--|
| 5 | How was characterization performed on OPWLs removed under the ER RSOP actions and for what constituents? These results should be made available to the public, especially in view of their relevance to the end state | graded surface following remediation to verify that no hot spots remain. The attached Table I summarizes risk associated with various pond media. OPWL, line P-26 (IHSS 149.1), was encountered while pushing in the north berm of Pond 207-A. This line was removed back to the western side of Pond 207-A, the end was grouted and coordinates were taken. This information will be included in the closeout report for ER RSOP activities. The pipe debris will be shipped offsite as low-level mixed waste. No other lines or subsurface features have been encountered. Soil surrounding the OPWL in the SEP AOC was sampled in accordance with IASAP Addendum #IA-02-07. Soil was sampled at approximately 3 feet below the surface and analyzed for radionuclides, metals and nitrates. |
| | discussions. | Typically OPWL waste lines < 3 feet below grade were removed and a characterization sample was collected. All of these results will be available in the closeout report. |
| | LONG-TERM STEWARDSHIP | |
| 6 | Section 8.0 on Stewardship runs counter to DOE draft policy, which states, "long-term" stewardship is considered in each decision that impacts DOE cleanup. This responsibility extends from the identification or remedial alternatives, remedial design, construction, and operation and through all relevant decisions made over the lifetime of the hazards." (Version 2.0 of Draft Long-Term Stewardship Strategic Plan) | The Stewardship section (Section 8.0) was revised and has been reviewed by the regulatory agencies. The groundwater treatment system will be addressed in the Industrial Area Plume IM/IRA. |



| RFCAB urges DOE to analyze potential impacts or residual soil contamination on the groundwater treasystem. Are there secondary source removal action could be taken to enhance the effectiveness of the groundwater treatment system, or to reduce the life costs of maintaining it? A more robust analysis is in accordance with DOE's commitment to consider term stewardship when making remedial decions. | extractions that except the cycle needed |
|---|--|
| Section 8.0 purports to address prospective long-te stewardship needs, but does so inadequately. Only need for institutional controls is specified, and ever there is no mention of digging restrictions. Other for that should be considered include physical controls physical inspections, monitoring/maintenance, informanagement, periodic assessment and controlling authority, much as was done in the "Present Landfi Interim Measure/Interim Remedial Action." RFCA DOE to be as specific as possible regarding steward requirements. RFCAB would like to examine life cost estimates for these requirements as they are be developed. | "Because the risk assessment results indicate environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, the long-term stewardship actions and recommendations for the SEP AOC are as follows: 1. Continue Federal ownership and control over the site; 2. Implement land use restrictions to prevent soil excavation |



| | | - |
|-----|--|--|
| | · | evaluated; and |
| | | 6. Maintain environmental data and other relevant data. |
| . 8 | RFCAB understands that a closeout report will be prepared | These recommendations may change based upon other future Site remedial activities." Life cycle cost estimates for long-term stewardship requirements will be determined as part of the Long-Term Stewardship Plan." The closeout report is specific to the actions taken in accordance |
| | for the Solar Ponds PAM. It should integrate stewardship information for the area as a whole, including not only soil but groundwater and surface water as well, into a single document. It should also include information on the asphalt liners that have been left in place, so that future stewards will be aware that these may require additional breaching should drainage problems arise. | with ER RSOP Notification #02-08. The closeout report does not include information on liners; this information is in the PAM. The stewardship section of the closeout report is specific to the actions taken in accordance with ER RSOP Notification #02-08. |
| 9 | The closeout report should also include maps showing residual contamination on the surface, as well as maps correlating contamination with depth. Sampling results from OPWL leaks should be noted, as well as the depths of OPWLs left in place. We recognize this list of criteria for the closeout report to be incomplete and request the opportunity to provide comment on the report prior to regulatory approval. | The closeout report will include maps of residual contamination at the areas where actions were taken in accordance with ER RSOP Notification #02-08. Sampling results from potential OPWL leaks will be included in the closeout report. |
| | SEGREGATION OF ENVIRONMENTAL MEDIA | |
| 10 | The Solar Evaporation Ponds area provides another example of how dividing a remedy into separate media discourages evaluating the system as a whole. For | A general review of groundwater contaminants in relation to subsurface soil concentrations of these contaminants was performed prior to the writing of this PAM. The specific |





surface water.

instance, a groundwater remedy for the Solar Ponds area was selected as part of a separate decision process three years ago with no analysis of whether soil removal might enhance groundwater quality over the long term. The Solar Ponds PAM examines soil removal in the context of protecting a future refuge worker, but does not analyze soil

removal for the purpose of protecting groundwater and

As stated in comments made recently on other remedial decisions, namely the 903 Pad Soil Removal and the Present Landfill Cover, RFCAB continues to believe DOE would derive benefit from examining all aspects of a remedy at once.

purpose of this review was to determine whether additional soil removal was necessary to protect groundwater beyond that of the current SPP collection and treatment system. A portion of this information was provided in Section 3.1 of the PAM.

As additional consideration, the Actinide Migration Evaluation Advisory Group addressed the issue of potential uranium source term associated with the old and new Solar Evaporation Ponds, as documented in the January 8-9, 2001 Meeting Minutes (available on Environmental Data Dynamic Information Exchange [EDDIE] under document archive).

"...In general, the U concentrations found in and around the sites ponds were very low, and in the pCi/g (soil) or pCi/L (water) range...Most important is the fact that the soil cores were sampled all the way down to the bedrock layer, and in no case was a large deposit of Uranium observed....

It appears that there is in fact, only a small quantity of U present. This is consistent with the geochemical modeling results of Ball (2000) that suggested that groundwater samples near the Sites ponds were all under-saturated with respect to common U solids. Therefore, the observed retardation of U relative to nitrate is more consistent with sorption/desorption processes. This is also consistent with our expectations for U geochemical behavior, namely that it will be relatively soluble and mobile under the soil and groundwater conditions at RFETS. The fact that only a small amount of U present beneath the Sites ponds suggests that the reactive barrier presently installed downslope of the Sites ponds should continue to capture and remediate U as an ancillary role to the treatment of nitrate."

| | | The following sentence has been added to section 3.2.2, 4 th paragraph: "Uranium contamination exists as a large dispersed area of very low concentrations beneath and to the north of the SEPs, and no discrete secondary source of uranium is apparent (Kaiser-Hill, 2001)." |
|----|---|--|
| | CONSISTENCY WITH END STATE PROPOSAL | |
| 11 | The end state proposal involves applying a risk screen to subsurface contamination in order to evaluate the potential of erosion/landslide activity and burrowing animals to bring contaminants to the surface. Likewise, the potential impact of residual contamination on surface water quality must be analyzed. Please describe how the Solar Ponds remedial decision considered the factors noted above. This is not to be viewed as RFCAB endorsement of the risk screen methodology, as Board deliberations on the proposal are | It is noted that the SEP AOC remedial decision is not based on the proposed risk screen, but rather on the risk assessment. The risk screen will not be implemented until formally incorporated into RFCA. However, for purposes of the SEP AOC, the following is provided: The risk screen identified in this comment relates to Screen 2 as referenced in Figure 3 of the Revised RFCA Attachment 5 (DOE, et al. 2002). Screen 1 asks "Are COC concentrations below Table 3 Soil |
| | still pending. | Action Levels for the WRW?" The answer is "Yes" for the SEP COCs. Therefore, Screens 2, 3 and 4 are skipped leading directly to Screen 5. Screen 5 asks, "Are COC concentrations below Table 3 Soil Action Levels for ecological receptors?". The answer is "Yes" for COCs. Lead (a non-COC) is the only constituent in which the surface soil concentration (121 mg/kg) exceeds the ecological receptor AL (97.7 mg/kg). However, after consultation, it was determined not to be an impact to target species. The last screen, Screen 6 asks "Is there a potential to exceed Surface Water Standards at a POC?" The answer is "No", because a treatment system has been installed, and points of evaluation SW093 and GS10 monitor this area. In addition, Pond A-4 is the detention pond within Segment 5 for North |

| | Walnut Creek and Pond B-5 is the detention pond on South Walnut Creek. Any runoff from this area is sampled and analyzed in these ponds to determine water quality and ensure downstream standards are met. Based on the COCs for the SEPs, these constituents have not been a concern for these monitoring areas. Therefore, based on the soil risk screen process, no further accelerated action is required. This process is summarized in Table 6-1 of the PAM. |
|---|--|
| CONSTITUENTS OF CONCERN | |
| The list of potential constituents of conmuch smaller than that considered in the document that was never approved). It that this discrepancy stems from the far parties have developed a new process constituents of concern. Where is the documented? Was it the result of new guidance? Was it subject to public rev | Assessment (RA) on pages 14-22. A flow chart is shown on page 15. This selection process has been extensively discussed with the RFCA with the regulatory agencies. The current COC selection process has evolved since 1995 and now utilizes more current statistical methods discussed by EPA guidance: |

| | | issues as they relate to the SEP. |
|----|--|--|
| ļ | HOTSPOT REMOVAL | 15555 III May really to the 524. |
| 13 | Although RFCAB has not yet taken a position on the proposed action levels, we commend DOE for the common-sense approach used for hotspot removal at the Solar Ponds area. That is, RFCAB understands that surface soil hotspots in excess of proposed action levels were simply removed, regardless of size. RFCAB prefers simple removal to the complex, area-weighted approach spelled out in the Industrial Area Sampling and Analysis Plan, whereby small hot spots may not qualify for removal. RFCAB appreciates the maps provided separately showing hot spots removed under the ER RSOP. These should be added to the Solar Ponds PAM because of their relevance to a no further action decision. In addition, RFCAB recommends that DOE provide maps showing residual contaminant levels for each contaminant of concern, and include them in the closeout report. | The closeout report will include maps of residual contamination at areas where actions were taken in accordance with ER RSOP Notification #02-08. |
| | BUDGET | |
| 14 | The Closure Project Baseline estimates over six million dollars will be spent on the Solar Ponds source removal activities. With the proposed "No Further Action," DOE may stand to save a great deal of money on this project. If this proves to be the case, RFCAB recommends that these funds be put towards remediation at other areas of the site. | The completion of the SEP closure at a lower cost than originally estimated only means that the unused estimated resources may be available to accomplish and perhaps accelerate the overall Rocky Flats closure project. However, there is no direct tie from SEP savings to other Environmental Restoration projects. There are a number of Environmental Restoration projects currently unfunded in Fiscal Year 2003. Actual budgeted resources that become available because they were not expended on Solar Ponds closure (and other work that is accomplished under budget) may allow currently unfunded |

| | | Environmental Restoration projects or other higher priority unfunded work to proceed. Such savings may also be needed to |
|----|---|--|
| | | accomplish scheduled and funded work that costs more than originally estimated. |
| | DETAILED COMMENTS ON THE DECISION DOCUMENT | · |
| 15 | PAM, Page 19, ¶ #8: | |
| | "During 1992, a brief investigation was performed to determine if the 207B-Series Ponds were leaking into the uppermost aquifer. This was accomplished by sampling wells in the vicinity of the SEPs for a dye that was placed in the SEPs. Based on the study, it was determined that no leakage was occurring from the 207 B-Series Ponds." It should be pointed out that this study represents a snapshot in time and does not prove that the B-series Ponds have never leaked. In fact, according to the 1995 Proposed IM/IRA, "the subsurface PCOCs generally appear to be higher in the subgrade samples beneath the northern side of SEP 207-B than the other two SEPs sampled (Ponds A and B-Center)" (Page II.3-20) | The IM/IRA is accurate in stating that the subsurface PCOCs are higher on the northern side of pond 207-B North than the other two (Pond 207-A and Pond 207-B Center). Indicating contamination was flowing to the north from these ponds. Based on the sampling results of the Phase I RFI/RI, a draft IM/IRA was written in February 1995. Based on comments to this IM/IRA from CDPHE dated April 11, 1995, CDPHE requested the IM/IRA clarify that drilling beneath Pond 207-B South was no longer planned. "The liner of this pond demonstrated integrity that precluded the need for additional RFI/RI investigation" (Administrative Record Number I101-A-000289). |
| | | However, for purposes of long term stewardship, soil samples beneath Pond 207-B South will be collected. |
| 16 | PAM, Page 31, Second ¶: | Please see Response to Comment 10. |
| | "Based on historical data, uranium and nitrate concentrations in surface soil and subsurface soil are all below RFCA Tier I and Tier II action levels. In addition, lithium, nickel and selenium are also below Tier I and Tier II action levels in both surface and subsurface soil. Therefore, no additional soil removal is required for | |

purposes of reducing the long-term stewardship obligations of the SPP treatment systems."

RFCA soil action levels have been calculated based on acceptable exposure to a future user of the site (i.e., a refuge worker) and are not necessarily protective of groundwater or surface water. Because RFCA soil action levels were not designed to be protective of surface water via groundwater, they are not a valid basis for this determination. Indeed, uranium in the subsurface soil has contributed to a groundwater plume despite being largely below the RFCA soil action levels. Although the primary source, pond sludge, was completely removed by 1995, there is still the issue of what constitutes a potential secondary source of groundwater contamination. That is, are there elevated concentrations of uranium in subsurface soil whose removal would be expected to reduce the necessary operating life of the groundwater treatment system? A subsurface leachability model would likely be needed to answer this question.

17 PAM, Page 44 Section 7.0, Environmental Impacts

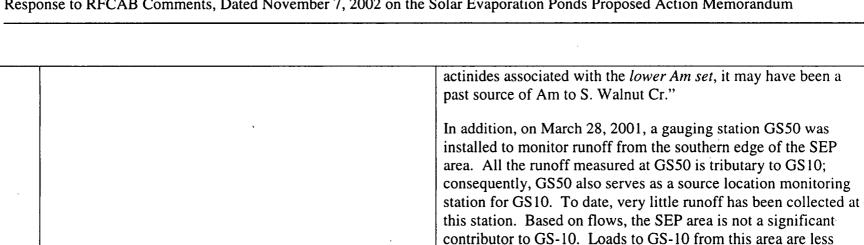
"Implementing Best Management Practices means that about 35,000 cubic yards of soil will be brought into this area."

Has DOE analyzed the effect the added weight of this material might have, if any, on the stability of the hillside? The "OU 4 Proposed IM/IRA Decision Document" dated February 10, 1995 states that a 1970 study concluded the steep slope north of the Solar Ponds to be "at high risk of

The final contour for this area has taken into consideration the long-term stability of the north hillside. In phase II, the toe of the berms for each pond on the north slope (Ponds 207-A, 207-B North, and 207-C) was pushed back to the south approximately 60 feet to the natural existing slope. The new crest or high point is established at that point to relieve overburden stresses along the hillside slope. With the crest or high point moved to the south, it will provide greater stability for the slope and minimize

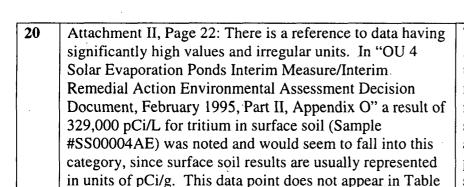
| | failure." (Page II.1-6). To what extent does the stability of the area depend on the interceptor trench system, which removes groundwater from the hillside? | erosion. |
|----|---|--|
| 18 | PAM, Page 44, Section 9.0, Best Management Practices: This section should weigh the possible impacts, both beneficial and adverse, of not further disrupting the liners. | The following paragraph has been added to Section 9.0: "When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope towards the northwestern corner. A and C ponds slope towards the northeastern corner.) In addition, a majority of the sidewalls will be removed after the berms are pushed in, which will allow precipitation to flow out laterally. If after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, a GeoProbe TM) for purposes of breaching the liner material in additional locations." |
| 19 | Attachment II, Page 12: Based on a review of the maps provided, very few surface soil samples appear to have been taken from the south end of the Solar Ponds area. Does runoff from this area drain through surface water monitoring station, GS10, where there have been recurring exceedances for plutonium and americium? If so, this area deserves increased scrutiny as a possible source of the surface water exceedances. | In August 2001, RFETS published the Final Source Evaluation Report for Point of Evaluation GS-10, Water Years 2000-2001 (RF/EMM/WP-01-003.UN; Revision 0) (available on EDDIE). This report investigates possible pathways that may be contributing to Pu/Am detected at GS-10. This includes the area surrounding the SEP, which indicate a majority of soil and sediment samples from the areas surrounding the SEP show Pu/Am ratios of less than 1.0. (Refer to Section 4.4 of this report.) "Considering the topography of this area (low gradient) and the relative pervious surfaces (unpaved dirt areas) it is unlikely that this area contributes runoff for most precipitation events. Although this area is likely not the current source of the |





Based on the results of surface soil samples, concentrations of americium and plutonium exceeding proposed RFCA ALs were removed as hot spots in accordance with RSOP Notification # 02-08.

than 1% for both Am and Pu.



may have been omitted for that reason.

A-21 of the risk assessment. It also carries a "Y" code and

Tritium was not considered a possible COC in soil. We do have H-3 results reported in pCi/L for soil and these are the correct units. These results were obtained by extracting the soil moisture. These results are much higher than water due to the residual tritium associated with the soil matrix when these samples were collected. However, we cannot use these results in a meaningful way because we would have to convert them to pCi/g and evaporation of tritium would effectively remove any source term in surface soils. However, an evaluation of H-3 data in groundwater and surface water has been completed and has been added to Section 3.1 of the PAM. It was concluded that H-3 is not a concern.

"Tritium has been detected in the vicinity of the SEP in both surface soil and groundwater based on historical sampling conducted in 1991. A signature of tritium was observed around the ponds in groundwater with a maximum concentration of 13,850 pCi/L in 1991. This concentration was below the drinking water standard of 20,000 pCi/L and currently this concentration is approximately 6,300 pCi/L due to radiological decay. Vadose transport and dispersion in saturated zones should further reduce this maximum concentration.

Tritium sampling has also been conducted near the SPP treatment system and the Site boundary to assess possible surface water impacts. The maximum concentration detected near the SPP treatment system in 1991 was 780 pCi/L. This detection was observed in January 1991 and exceeded the surface water standard of 500 pCi/L. Subsequent samples collected from October 1991 to February 1992 had concentrations below the surface water standard. Samples





collected after April 1991 had tritium concentrations below detection limits. The overall averaged concentration at this location was 55 pCi/L. Tritium samples collected at the Site boundary from 1991 to 2002 had a maximum reported concentration of 13,400 pCi/L in 1991. Maximum concentrations steadily declined in the following years from 3,310 pCi/L and were below detection limits from 1999 to present day. Detection limits ranged from 150 to 180 pCi/L at the Site boundary location.

The concentration of tritium in groundwater and surface water near the SEPs and for the Site as a whole are well below drinking water and surface water standards."

21 Attachment II, Page 29:

"A central tendency mass loading (ML) value was used to estimate risk via inhalation over the 18.7-year exposure period. The RSALs Task 3 calculations used an upper 95th percentile value. This is appropriate for conservative action levels or PRGs."

For the refuge worker and rural resident scenarios, the RSALs calculations used a probability distribution for the mass loading parameter. The distribution accounts for the increase in dust inhalation that would be observed in the aftermath of a prairie fire, based on empirical data from the wind tunnel studies. The above implies a high-end point value was used as the basis for the RSAL calculations.

The statement is correct for the open space user and office worker scenarios, neither of which was deemed appropriate for setting soil action levels or PRGs. We are aware of the RSAL probabilistic mass loading distribution. We selected the 50% value from this distribution for the RA pending evaluation and use of actual site monitoring data. The upper 95th percentile mass loading of 67 vg/m³ is also a point estimate from this distribution and was used to calculate PRGs.

The comment implies that the following statement made in the SEP risk assessment is false:

"A central tendency mass loading (ML) value was used to estimate risk via inhalation over the 18.7-year exposure period. The RSALS Task 3 calculations used a upper 95th percentile value. This is appropriate for conservative action levels or PRGs."

The September 30, 2002, Task 3 Report includes a workbook for the calculation of the refuge worker RSALs. The calculations are performed using both a probabilistic approach and point

| | estimates for the parameters. The ML value chosen for the pestimate calculation is the 95 th percentile of the probability distribution calculated for the Task 3 Report. As stated in the SEP risk assessment, the use of this high-end value is appropriate for ALs or PRGs, but not for a long-term, forwal looking risk assessment. | | | | | | | | | | |
|----|--|--------------------------------|-------------------|-----------------|--|--|--|--|--|--|--|
| 22 | Attachment II, Page 37, Section 4.0 Toxicity Assessment: | Acute toxicity was considered | l but no analytes | with ASDR acute | | | | | | | |
| | Acute Toxicity does not appear to have been considered in | oral toxicity values were pres | | | | | | | | | |
| | the risk assessment. Perhaps that is due to the fact that | the acute values. Values are | | 11 | | | | | | | |
| | most observed contaminant concentrations are low. Even so, if there are any contaminants of concern that have acute toxicity values, these levels should be noted so that the reader can be assured that acute toxicity has been given | Acute Ora | l Toxicity Table | ; | | | | | | | |
| | due consideration. | Analyte | Acute To | xicity | | | | | | | |
| | | <u> -</u> | | | | | | | | | |
| | | A 1.1 | mg/kg/day | mg/kg-soil | | | | | | | |
| | | Acetone Acetone | | | | | | | | | |
| | | Aldrin | 0.002 | 1,400 | | | | | | | |
| | | Ammonium | 0.002 | 350,000 | | | | | | | |
| | | Benzene | 0.5 | 330,000 | | | | | | | |
| | , | Bromodichloromethane | 0.04 | 28,000 | | | | | | | |
| | | Bromoform (Tribromomethar | | 420,000 | | | | | | | |
| | | Bromomethane (Methyl brom | • | . 20,000 | | | | | | | |
| | | alpha-Chlordane | 0.001 | 700 | | | | | | | |
| | | bis(2-Chloroisopropyl)ether | 0.3 | 210,000 | | | | | | | |
| | | Chloromethane (Methyl chlor | ride) | | | | | | | | |
| | | 1,4-Dichlorobenzene | | | | | | | | | |
| | | Dieldrin | 0.000007 | 4.9 | | | | | | | |
| | | Diethylphthalate | 7 | 4,900,000 | | | | | | | |
| | | Endosulfan I | 0.005 | 3,500 | | | | | | | |



| | | Endrin (technical) | 0.002 | 1400 | | | | |
|----|--|---|--|---|--|--|--|--|
| | | Hexachlorobenzene | 0.002 | 5600 | | | | |
| 23 | Attachment II, Page 37: | It is true that the radiological in a linear model of the age- | al slope factors are co | entral estimates | | | | |
| | "Oral and inhalation SFs (cancer slope factors) are used to characterize the potency of carcinogens. A SF is a dose-response factor used to relate carcinogenic response to chemical dose. SFs are used to estimate the upper bound probability of an individual developing cancer as a result of exposure to a potential carcinogen." | radiation cancer incidence (sunit of activity. The statemed dose" and was specifically conorradionuclide carcinogenic carcinogenic slope factors for | fatal and nonfatal carent quoted referred to discussing slope factors. RAGS Part A (EFF) or nonradionuclides | ncer) risk per o "chemical ors for PA 1989) defines as follows: | | | | |
| | Cancer slope factors published in EPA Federal Guidance Report No. 13, "Cancer Risk Coefficients for Environmental Exposure to Radionuclides," apply to an average member of the public, and are therefore central tendency estimates, not upper bound estimates as indicated | "A plausible upper-bound estimate of the probability of response per unit intake of a chemical over a lifetime. T slope factor is used to estimate an upper-bound probabil of an individual developing cancer as a result of a lifeting of exposure to a particular level of a potential carcinoge. | | | | | | |
| | above. | Slope factors are conservative maximum gut uptake, (2) us assess inhalation, and (3) assentire duration and a 50-year annual intake. | se soluble classes for sume continuous exp | analytes to | | | | |
| 24 | Attachment II, Page 45: "A 50 th percentile estimate developed by the RSALs | Please see response to Composition Coefficient. The statement was probabilistic calculations use | was not meant to impe a point estimate fo | oly that the r the ML | | | | |
| | Working Group was used in the risk assessment. This figure is about double the documented site average (11.8 ug/cubic meter), but 30 percent of the 95 th percentile figure used by the working group for the RSALs action levels (67 ug/cubic meter). The 95 th percentile value is appropriate | parameter. Point estimates of Report and accompanying we point estimate to which this assessment terminology, conconcentrations to a risk-base | vorkbooks. It is this statement referred. mparison of the envi | recommended In risk ronmental | | | | |
| | for action levels to be used for screening, but is too conservative for a forward-looking, long-term risk | making remedial decisions i assessment that does not cal- | s referred to as a scre | een. Any | | | | |





assessment. The effect of using multiple high-end factors in a risk assessment quickly leads to unrealistically high estimates of risk. EPA guidance recommends using a balance of high end and central tendency estimates to avoid this problem."

Again, this implies incorrectly that the probabilistic RSAL calculations were based on a point estimate for the mass loading parameter. It also incorrectly refers to RSALs as screening level calculations, when, in fact, RSALs are used to make remedial decision per the RFCA.

Attachment II, Page 45 (focusing on the last part of the above paragraph):

"The effect of using multiple high-end factors in a risk assessment quickly leads to unrealistically high estimates of risk. EPA guidance recommends using a balance of high end and central tendency estimates to avoid this problem."

In the context of the mass loading distribution developed for the RSALs, this statement implies that the RSAL working group failed to use a balance of high end and central tendency values and thereby ran afoul of EPA guidance. Without getting into merits of the RSALs mass loading distribution (which DOE had a hand in developing), discussion of a single parameter says nothing about the overall balance of parameters selected in the RSAL calculations.

Moreover, the EPA Office of Radiation and Indoor Air,

specific data is generally referred to as a screen.

We understand the probabilistic nature of the mass loading distribution and RSAL Report-derived point estimates. We acknowledge that RSAL ALs, as recently corrected for gamma exposure to the worker, will be used to guide remediation as specified in RFCA. However, the Comprehensive Risk Assessment will be used to quantify actual long-term risk estimates for all receptors following remediation based on RSAL screening levels.

The statement concerning RSAL calculations implies nothing more than it says. Multiple high-end factors lead to over estimates of risk in a long-term forward-looking risk assessment. It was not referring to the validity of RSAL methods or results. In fact screening levels should be based on conservative assumptions.

We consider the RSAL estimate of mass loading at the 95 percentile of 67 vg/m³ to be conservative with respect to a long-term forward looking risk assessment. This upper-bound estimate is considered conservative because the assumption of a prairie fire was used without regard to the frequency of occurrence for such an event. In other words, a fire is assumed to occur every year that a receptor is onsite, and this is an unlikely possibility that has not been factored into the mass loading. For purposes of actually quantifying long-term risk to receptors, we therefore intend to use more realistic estimates from measured air monitoring data for the site.



| | • |
|---|--|
| Radiation Protection Division, reviewed the RSALs Task 3 Report on behalf of EPA Headquarters. A letter to EPA Region VIII dated May 6, 2002 regarding the RSAL report stated: "The document was well thought out and the approach was based on the appropriate science." Since EPA has reviewed the RSAL report and found it to be in accordance with EPA technical guidance on risk assessment, this statement should be stricken from the PAM | Clarification will be added to the text to clearly state that we want to use realistic parameter values for the risk assessment and are using the RSAL action limits to select COCs in a conservative and justifiable manner based on a comprehensive analysis presented in the RSAL Report. |
| Attachment II, Page 45, Section 5.4.2, Uncertainties in Exposure Point Concentrations and Exposure Factors: This discussion should acknowledge that one of the largest sources of uncertainty in any risk assessment is associated with cancer slope factors, which are central tendency estimates of the potency of ga given radionuclide to cause cancer in the general population. EPA has yet to develop probability distributions that would allow risk assessors to simulate the variability of this parameter. As a result, risk assessments do not account for the fact that certain subpopulations may be more susceptible to these carcinogenic effects than is indicated by the risk factors in Federal Guidance Report 13. Quoting from the May 6, 2002 EPA letter noted above, whose comment was directed toward the RSALs Report, but applies equally to the Solar Ponds risk assessment: "It would be clearer if the report stated in a more prominent way that central estimates of slope factors were used for | Slope factors are conservative as discussed in Comment 23. This inherent conservatism is protective of the population in general. However, a statement will be added to the risk assessment to discuss this source of uncertainty and the uncertainty associated with the inherent heterogeneity of collected soil data and their spatial distribution. As discussed in the risk assessment, conservatism was applied to every step in the risk assessment and slope factors contribute a small percentage of the total. Also as indicated, there is currently no way to estimate this uncertainty. |
| way that central estimates of slope factors were used for this analysis." | |
| | Report on behalf of EPA Headquarters. A letter to EPA Region VIII dated May 6, 2002 regarding the RSAL report stated: "The document was well thought out and the approach was based on the appropriate science." Since EPA has reviewed the RSAL report and found it to be in accordance with EPA technical guidance on risk assessment, this statement should be stricken from the PAM Attachment II, Page 45, Section 5.4.2, Uncertainties in Exposure Point Concentrations and Exposure Factors: This discussion should acknowledge that one of the largest sources of uncertainty in any risk assessment is associated with cancer slope factors, which are central tendency estimates of the potency of ga given radionuclide to cause cancer in the general population. EPA has yet to develop probability distributions that would allow risk assessors to simulate the variability of this parameter. As a result, risk assessments do not account for the fact that certain subpopulations may be more susceptible to these carcinogenic effects than is indicated by the risk factors in Federal Guidance Report 13. Quoting from the May 6, 2002 EPA letter noted above, whose comment was directed toward the RSALs Report, but applies equally to the Solar Ponds risk assessment: "It would be clearer if the report stated in a more prominent way that central estimates of slope factors were used for |

27

Attachment II, Page 49:

"Americium-241, **plutonium**, and uranium-235 in surface soils are the largest contributors to risk."

"The majority of the risk was from **chromium**, americium-214, and uranium-235 in surface soil."

These two statements from the Summary and Conclusions section of the risk assessment seem to contradict each other. It may be helpful to include a breakdown of risk by contaminant to clarify the apparent discrepancy.

The text will be corrected to indicate that carcinogenic risk was dominated by Am-241, Pu-239, and U-235 in surface soil with a total risk of 2E-06. Chromium dominated nonradiological carcinogenic risk with a probability of 2.7E-07. Nonradiological carcinogenic risk was approximately an order of magnitude below radiological carcinogenic risk.

Table I Percent of Total Risk by Environmental Media (Risk Estimate)

| Percent of Total Risk | | | | | | | | | | |
|-----------------------|-----------------|----------------|-------------------|--|--|--|--|--|--|--|
| Environmental | N. C. I | | Carcinogenic Risk | | | | | | | |
| Media | NonCarcinogenic | Radiological | Nonradiological | | | | | | | |
| Liner | 0.05 (0.00002) | 4.7 (1.0E-07) | No COCs | | | | | | | |
| Subsurface Soil | 4.8 (0.002) | 1.8 (3.9E-08) | 1.1 (2.9E-09) | | | | | | | |
| Surface Soil | 95.2 (0.04) | 93.5 (2.0E-07) | 98.9 (2.7E-07) | | | | | | | |
| Total | 100.0 | 100.0 | 100.0 | | | | | | | |



APPENDIX A Solar Evaporation Pond Data and Background Comparison Tables, and Figures



The solar evaporation pond (SEP) data set was subjected to a screening process to enable statistical calculations and subsequent risk assessment evaluation. This process was used to determine basic statistics, detection frequency, and comparison with worker risk-based preliminary remediation goals (PRGs) at a target risk of 1E-06 and hazard quotient (HQ) of 0.1, and for statistical background comparisons. Primary elements of this screening process are as follows:

- All solid matrix sample records were selected for the area of concern (AOC).
- Records were split into radionuclide, inorganic, and organic constituents.
- Field and laboratory duplicates, laboratory control samples (LCSs), R-validated results, and samples with no depth data were removed from the data set.
- A unit screen was conducted to consolidate all records with the proper units and covert or remove those with improper units.
- The detection frequency was calculated for the final results.
- Summary statistics were calculated.
- Comparisons with PRGs were performed.
- Compounds with less than a 5 percent detection frequency were screened to ensure detection limits were below PRG screening levels.
- Statistical distribution testing was performed
- Statistical comparisons to background were performed.
- The 95 percent upper confidence limit (95UCL) was calculated using parametric or nonparametric methods, depending on the statistical distribution of the analyte.

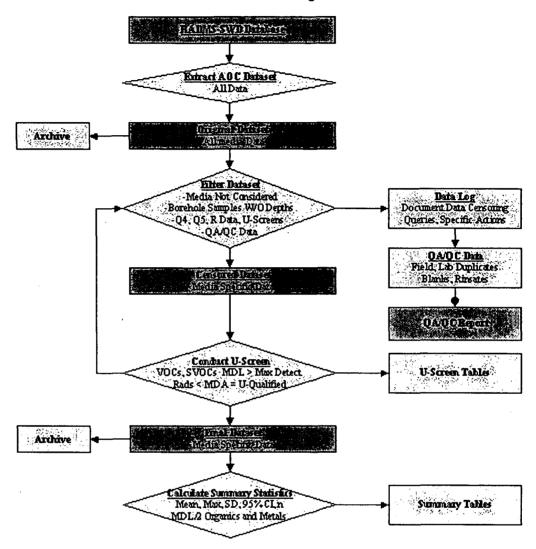


Database Management Process for Risk Assessment Support

- 1. The initial data set is queried and extracted from the soil water database (SWD)/Remedial Action Decision Management System (RADMS) databases. The initial data set is archived in its entirety.
- 2. Preliminary data quality screens and filters are conducted on the original data set to eliminate quality assurance (QA)/quality control (QC) results, duplicates, unit problems, and so forth. The censored (removed) data are saved to a file. The resulting screened data set and the censored data file are archived with the original data set.
- 3. An independent reviewer performs a QA/QC check on the screened data for each site. Reviewer comments are archived in the location of the archived data.
- 4. If the reviewer determines that additional queries are necessary, they will be limited to the screened data set, which is managed and approved by the Database Manager.
- 5. Any changes to the screened data set are documented; any additions or deletions to the data set are saved in separate files and archived with the revised and approved final data set in the same location as the original.
- 6. The approved final data set is then used to generate summary statistics tables in a prespecified uniform format for metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and radionuclides in each medium. The tables include information to conduct a screen for U-qualified data with elevated detection limits. The summary tables are archived in the location with the initial data set.
- 7. The entire final data set and all summary tables are then submitted to Risk Assessment.
- 8. Risk Assessment conducts qualified data and contaminant of concern (COC) screening followed by intake and risk characterization calculations.
- 9. Risk Assessment requests additional data information only from the screened data set when required to further evaluate data and risk impacts. If this results in data changes, the Database Manager must approve changes to the final data set.
- 10. Risk assessment results are submitted in draft form to the Project Manager and submitted for review.
- 11. The final risk report is generated following review. Figure Aa.1 illustrates the steps for generating the risk assessment data set.



Risk Assessment Database Management



12.

Figure A.1 Database Management Flow Chart For Risk Assessment



APPENDIX A TABLES

(These tables are available on CD from Anna Martinez at (303) 966-5881.)



| 10 1-10 | X | 3 2 2.5 | - \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | poration Ponds AOC - | | 234 | S 30 0 | | 18 Car 18 18 | NEW YEAR |
|-----------------------------|---------------|----------------|---|------------------------|----------------------|------------------------|------------------------------------|-----------------|------------------|---------------------|---------------|
| LOCATION | DEPTH | DEPTH. | | SAMPLE | | | DETECTION | * | | LAB RESULT | VALIDATION |
| CODE | START | END | UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | | QUALIFIER | QUALIFIER |
| 05093 | 0 | | IN | SS00002AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | IV. |
| 05193 05393 | 0 | | IN IN | SS00003AE SS00005AE | ALUMINUM | 7429-90-5 7429-90-5 | 50 50 | | mg/kg mg/kg | | V |
| 40093 | Ö | | | SS40060AE | ALUMINUM | 7429-90-5 | 55 | | mg/kg | | J |
| 40293 | 0 | | IN | SS40042AE | ALUMINUM | 7429-90-5 | 57 | 10300 | mg/kg | | V |
| 40393 | 0 | | | SS40053AE SS40057AE | | 7429-90-5 7429-90-5 | 52 | | mg/kg | | V |
| 40093 | 0 | | | SS40057AE | | 7429-90-5 | 50 | | mg/kg mg/kg | | V |
| 40893 | Ó | | | SS40004AE | | 7429-90-5 | 48.3 | | mg/kg | | V |
| 40993 | 0 | | | SS40072AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | V |
| 41193 41293 | 0 | | IN IN | SS40007AE SS40071AE | ALUMINUM ALUMINUM | 7429-90-5 7429-90-5 | 72 50 | | mg/kg mg/kg | | V |
| 41593 | 4 | | IN | S\$40073AE | ALUMINUM | 7429-90-5 | 50 | 11200 | mg/kg | | V |
| 41693 | 0 | | IN | SS40410AE | ALUMINUM | 7429-90-5 | 53 | 21300 | mg/kg | E | J |
| 41793 41993 | 0 | | | SS40077AE SS40009AE | ALUMINUM ALUMINUM | 7429-90-5 7429-90-5 | 46 | 10900 | mg/kg | | v · |
| 42093 | 0 | | | SS40009AE SS40480AE | ALUMINUM | 7429-90-5 7429-90-5 | 48 41 | 2500 | mg/kg mg/kg | | J J |
| 42193 | 4 | | | SS40012AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | v v |
| 42293 | 0 | | | SS40078AE | | 7429-90-5 | 50 | | mg/kg | | V |
| 42393 42593 . | 0 4 | | | SS40079AE SS40082AE | | 7429-90-5 7429-90-5 | 43 50 | | mg/kg mg/kg | | <u>V</u> |
| 42693 | 0 | | | SS40082AE | ALUMINUM | 7429-90-5 | 62 | | mg/kg mg/kg | | v · |
| 42993 | 0 | 2 | IN | SS40056AE | ALUMINUM | 7429-90-5 | 46 | 4140 | mg/kg | | v |
| 43193 | 0 | | | SS40084AE | | 7429-90-5 | 44 | 6880 | mg/kg | | V |
| 43393 43493 | <u>4</u> 0 | | | SS40087AE SS40086AE | ALUMINUM ALUMINUM | 7429-90-5 7429-90-5 | 50 50 | | mg/kg mg/kg | | <u>v</u> v |
| 43693 | 4 | | | SS40089AE | | 7429-90-5 | 50 | 6190 | mg/kg | | v v |
| 43793 | 0 | | | SS40088AE | ALUMINUM | 7429-90-5 | 47 | 12700 | mg/kg | | J |
| 43893 43993 | 0 | 2 | | SS40010AE SS40091AE | | 7429-90-5 7429-90-5 | 47 | | mg/kg | | V . |
| 44093 | 0 | | | SS40091AE SS40090AE | | 7429-90-5 | 45 48 | 7630 | mg/kg mg/kg | | <u>v</u> V |
| 44393 | 0 | 2 | IN | SS40005AE | | 7429-90-5 | 46 | 6350 | mg/kg | | v v |
| 44593 | 0 | · | | SS40001AE | | 7429-90-5 | 44 | 14400 | mg/kg | · !····· | V |
| 44893 45693 | 0 0 | | | SS40070AE SS40094AE | | 7429-90-5 7429-90-5 | . 58 50 | 14300 | | | J V |
| 45793 | 0 | | | SS40094AE SS40015AE | | 7429-90-5 | 50 | 12500 13300 | mg/kg ma/ka | | <u> </u> |
| 46193 | 0 | 2 | IN | SS40096AE | ALUMINUM | 7429-90-5 | 50 | 14800 | mg/kg | | v · |
| 46693 | 4 | | | | ALUMINUM | 7429-90-5 | 40 | 10500 | mg/kg | | V |
| 46793 46893 | 4 | | | SS40142AE SS40143AE | ALUMINUM | 7429-90-5 7429-90-5 | 40 200 | 10200 10500 | mg/kg | | V V |
| 47093 | 0 | | | SS40145AE | | 7429-90-5 | 200 | 12200 | mg/kg | | * |
| 48195 | 0 | | | AS00001PE | ALUMINUM | 7429-90-5 | | 6100 | mg/kg | | Z |
| 482 9 5 48395 | 0 | | | AS00002PE AS00003PE | | 7429-90-5 | | | mg/kg | | <u>Z</u> |
| SS400293 | 0 | | | SS40018AE | | 7429-90-5 7429-90-5 | 57: | 17900 | mg/kg ma/ka | | Z V |
| SS400393 | 0 | 21 | IN | SS40019AE | ALUMINUM | 7429-90-5 | 50 | 15900 | mg/kg | | v · |
| SS400593 | 0 | | | SS40021AE | | 7429-90-5 | 50' | 11500 | | | V |
| SS400693 SS400793 | 0 | | | SS40022AE SS40023AE | | 7429-90-5 7429-90-5 | 50 46.5 | 6760; 16500) | mg/kg | | V V |
| SS400893 | 0 | | | S\$40024AE | | 7429-90-5 | 52 | | mg/kg | | <u> </u> |
| SS401193 | 0 | | | SS40027AE | | 7429-90-5 | 56 | 11400 | mg/kg | | V |
| SS401293 SS401393 | 0 0 | | | | | 7429-90-5 7429-90-5 | 44.8 | | mg/kg | | V V |
| SS401593 | 0 | | | SS40029AE SS40031AE | | 7429-90-5 7429-90-5 | 57.8° 51.7 | 14900 11800 | | | V V |
| SS401693 | 0; | 2 | IN I | SS40032AE | | 7429-90-5 | 42 | | mg/kg | | V |
| SS401893 | 0 | | | | | 7429-90-5 | 44; | 5000 | mg/kg | | V |
| SS402393 SS402593 | 0 | | | | | 7429-90-5 7429-90-5 | 46 ¹ 54 ¹ | | mg/kg mg/kg | | V V |
| SS402793 | 0 | | | SS40041AE SS40043AE | | 7429-90-5 | 54) 50 | 10500 | | | v V |
| SS402893 | 0 | 2 | IN ; | SS40044AE | ALUMINUM | 7429-90-5 | 50 | 10600 | mg/kg | | V |
| SS402993 SS403093 | 0 | | | SS40045AE SS40046AE | | 7429-90-5 7429-90-5 | 50 | 18300 | mg/kg | | V |
| SS403093 SS403193 | 0 | | | SS40046AE SS40047AE | | 7429-90-5 7429-90-5 | 50 50 | 32500 24900 | | | v V |
| SS403293 | 0, | 2 1 | IN : | SS40048AE | ALUMINUM | 7429-90-5 | 50 | 16600 | mg/kg | | v |
| SS403393 | 0 | | | S\$40049AE | | 7429-90-5 | 50 | 23600 | | | V |
| SS403493 SS403593 | 0 | | | SS40050AE SS40051AE | ALUMINUM ALUMINUM | 7429-90-5 7429-90-5 | 50 50 | 11500 | mg/kg mg/kg | | V V |
| SS403593 | 0 | | | | | 7429-90-5 | 50 | 10900 | | | <u>v</u> |
| SS606292 | 0 | 2 | N | SS60062WC | ALUMINUM | 7429-90-5 | 40 | 4730 | mg/kg | | V |
| SS620292 | 0 | | | | | 7429-90-5 | 40 | | mg/kg | | V |
| SS810893 SS811193 | 0 | | | | | 7429-90-5 7429-90-5 | 200 | | mg/kg mg/kg | | v v |
| SS811493 | 0 | | | SSG0103JE | | 7429-90-5 | 200 | | mg/kg mg/kg | | <u> </u> |
| 05093 | 0 | 2 | N i | SS00002AE | ANTIMONY | 7440-36-0 | 50 | 10.8 | mg/kg | UN I | J |
| 05193 | 0 | 2 | N i | SS00003AE | ANTIMONY | 7440-36-0 | 50 | 11.5 | mg/kg | BN I | J |

33/

| (P. 12. SP # 17.5) | No. | | 24.38. | | poration Ponds AOC - | Analytical to | | | 258 | 5 T 1 28 T 1 28 | 数:1.00×1.500m |
|----------------------|--------|----------------------------------|--------|------------------------|----------------------|------------------------|------------|--------|----------------|---|--|
| | 147 | 1 1 | * | 1 | | | | | | | |
| LOCATION | DEPTH | DEPTH | Livito | SAMPLE | ANALYTE | CACANO. | DETECTION | 0000 T | UNITS | | VALIDATION |
| 105393 | SIAKI | The same of the same of the same | IN | NUMBER SS00005AE | ANALYTE | CAS NO. 7440-36-0 | LIMIT 50 | | mg/kg | UN | QUALIFIER |
| 40093 | ŏ | | IN | SS40060AE | | 7440-36-0 | 16 | | mg/kg | | J |
| 40293 | 0 | | IN | SS40042AE | ANTIMONY | 7440-36-0 | 17 | | | | J |
| 40393 | 0 | | | SS40053AE | ANTIMONY | 7440-36-0 | 16 | | | | J |
| 40893 | 0 | | | S\$40004AE | | 7440-36-0 | 14.5 | | | | J |
| 41193 | 0 | | | SS40007AE SS40073AE | | 7440-36-0 7440-36-0 | . 50 | | | | J |
| 41693 | 0 | | | ISS40073AE | | 7440-36-0 | 16 | | | | J |
| 41793 | Ō | | | SS40077AE | | 7440-36-0 | 14 | | mg/kg | | j |
| 41993 | 0 | | | SS40009AE | | 7440-36-0 | 14 | 11.9 | mg/kg | | J |
| 42093 | 0 | | | SS40480AE | | 7440-36-0 | 12 | | | | J |
| 42193 42293 | 4 0 | | | SS40012AE SS40078AE | | 7440-36-0 | 50 | 10.4 | | | <u>J</u> |
| 42393 | 0 | | | SS40078AE | | 7440-36-0 7440-36-0 | 50 13 | | mg/kg mg/kg | | <u>J</u> |
| 42593 | 4 | | | SS40082AE | | 7440-36-0 | 50 | | | | J |
| 42693 | 0 | | | SS40080AE | | 7440-36-0 | 19 | | | ···· | J |
| 42993 | 0 | | | SS40056AE | ANTIMONY | 7440-36-0 | 14 | | mg/kg | | J |
| 43193 | 0 | | | SS40084AE | | 7440-36-0 | 13 | | | | J |
| 43393 43493 | 4 0 | | | SS40087AE SS40086AE | ANTIMONY ANTIMONY | 7440-36-0 | 50 | | | | <u>, </u> |
| 43693 | 4 | | | SS40086AE | | 7440-36-0 7440-36-0 | 50 50 | | | UN UN | J J |
| 43793 | 0 | | | SS40088AE | | 7440-36-0 | 14 | | | UN | <u>J</u> |
| 43893 | 0 | 2 | | SS40010AE | | 7440-36-0 | 14 | | | | j |
| 43993 | 0 | | | SS40091AE | | 7440-36-0 | 14 | 11.3 | mg/kg | UN | J |
| 44093 | 0 | | | SS40090AE | | 7440-36-0 | 14 | | | | J |
| 44393 | 0 | | | SS40005AE | ANTIMONY | 7440-36-0 | 14 | 11.5 | | | <u>j</u> |
| 44593 44893 | 0 | | | SS40001AE SS40070AE | | 7440-36-0 7440-36-0 | 13.2 17 | 11 | | | J |
| 45693 | | | | SS40070AE | | 7440-36-0 | 50 | | | | J J |
| 45793 | Ō | | | SS40015AE | | 7440-36-0 | 50 | | | | j |
| 46193 | 0 | | | SS40096AE | ANTIMONY | 7440-36-0 | 50 | | | ······ | J |
| 46893 | 4 | | | SS40143AE | | 7440-36-0 | 60 | | | | J |
| 47093 | | | | SS40145AE | | 7440-36-0 | 60 | | | | <u> </u> |
| 48195 48295 | 0 | | | AS00001PE AS00002PE | | 7440-36-0 7440-36-0 | 5.1 5 | | | UN UN | Z Z |
| 48395 | 0 | | | AS00002PE | | 7440-36-0 | 2.6 | | | UN . | 2 |
| SS400293 | Ō | | | SS40018AE | | 7440-36-0 | 17.1 | | | ···· | Ĵ |
| SS400393 | 0 | | | SS40019AE | ANTIMONY | 7440-36-0 | 50 | | | | J |
| SS400593 | 0 | | | S\$40021AE | | 7440-36-0 | 50 | | | | J |
| SS400693 | 0 | | | SS40022AE | | 7440-36-0 | 50 | | | | J |
| SS400793 SS400893 | . 0 | | | SS40023AE SS40024AE | | 7440-36-0 7440-36-0 | 14 16 | | | | J J |
| SS401193 | | | | | | 7440-36-0 | 17 | | | | <u> </u> |
| SS401293 | 0 | | | SS40028AE | | 7440-36-0 | 13.4 | | | | J |
| SS401393 | 0 | | IN | SS40029AE | | 7440-36-0 | 17.3 | 14.5 | mg/kg | | J |
| SS401593 | 0 | | | | | 7440-36-0 | 15.5 | 12.9 | | | J |
| SS401693 SS401893 | 0 | | | SS40032AE SS40034AE | | 7440-36-0 7440-36-0 | 13 | 10.6 | | | <u> </u> |
| ISS402393 | 0 | | | SS40034AE | | 7440-36-0 | 13 14 | | | | J J |
| SS402593 | 0 | | | SS40041AE | ANTIMONY | 7440-36-0 | 16 | | | | <u>J</u> |
| SS402793 | 0 | • | IN | SS40043AE | | 7440-36-0 | 50 | 10.6 | mg/kg | UN | J |
| SS402893 | 0 | 2 | | SS40044AE | | 7440-36-0 | 50 | | | | J |
| SS402993 SS403093 | 0 | | | \$\$40045AE | | 7440-36-0 | 50 | | | TOTAL PROPERTY OF THE PARTY OF | <u> </u> |
| SS403093 SS403193 | 0 | | | SS40046AE SS40047AE | | 7440-36-0 7440-36-0 | 50 50 | | | | J J |
| ISS403193 | 0 | | | | | 7440-36-0 | 50 | | | | <u>J</u> J |
| SS403393 | 0 | | | | | 7440-36-0 | 50 | | | | Ĵ |
| SS403493 | 0 | | | SS40050AE | ANTIMONY | 7440-36-0 | 50 | 12 | mg/kg | UN | J |
| SS403593 | 0 | | | | | 7440-36-0 | 50 | | | | J |
| SS403693 SS606292 | 0 | | | | | 7440-36-0 7440-36-0 | 50 | | | | J |
| SS620292 | 0 | | | | | 7440-36-0 | 12 12 | | | | J J |
| SS810893 | 0 | | | | | 7440-36-0 | 60 | | | | <u>J</u> |
| SS811193 | 0 | 3 | IN : | SSG0105JE | ANTIMONY | 7440-36-0 | 60 | | mg/kg | U | J |
| SS811493 | 0 | | | | | 7440-36-0 | 60 | | | U | J |
| 05093 | 0 | | | | | 7440-38-2 | 2 | | mg/kg | | V |
| 05193 05393 | 0 0 | | | | | 7440-38-2 7440-38-2 | 3 2 | 2.8 | mg/kg mg/kg | | V. |
| 40093 | 0 | | | | | 7440-38-2 | 3 | | | | V V |
| 40293 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | <u>v</u> V |
| 40393 | 0 | 2 | IN | SS40053AE | ARSENIC | 7440-38-2 | 3, | | | | j |
| 40693 | 0 | | | | | 7440-38-2 | 3 | 2.6 | mg/kg | BN | J |
| 40793 | 0 | | | | | 7440-38-2 | 3 | | | | J _. |
| 40893 40993 | 0 | | | | | 7440-38-2 7440-38-2 | 2.4 | | mg/kg | | V |
| 70000 | U | <u> </u> | 1 | 557001 ZAE | ANDERIO I | 1++0-00-2 | 3 | 2 | mg/kg | BN i | <i>.</i> |



| | | | Table | A.1 - Solar Evap | oration Ponds AOC - | Analytical Re | sults for Surfa | ce Soils - | Metals | | |
|--------------------------|----------|----------|--------------|------------------|---------------------|------------------------|-----------------|------------|------------------|--|------------|
| | 74 - 40 | * | | | | *** | | × . × | *** | 7 | |
| LOCATION | DEPTH | DEPTH. | a Section | SAMPLE | 200 | | DETECTION | | la d | LAB RESULT | VALIDATION |
| CODE | START | END | UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 41193 | 0 | | | | | 7440-38-2 | 4 | | mg/kg | | J |
| 41293 | 0 | | | | | 7440-38-2 7440-38-2 | 3 | | mg/kg mg/kg | | V |
| 41593 41693 | 4 | | | | | 7440-38-2 | 3 | | mg/kg | | iv — |
| 41793 | Ö | | | | | 7440-38-2 | 2 | 4.6 | mg/kg | | J |
| 41993 | 0 | | | | | 7440-38-2 | 2 | | | | V |
| 42093 42193 | 0 | | | | | 7440-38-2 7440-38-2 | 2 3 | | | | V V |
| 42293 | 0 | | | | | 7440-38-2 | 3 | | | | V |
| 42393 | 0 | | | | | 7440-38-2 | 2 | 3.1 | mg/kg | İ | V |
| 42593 | 4 | | | | | 7440-38-2 | 3 | | | | V |
| 42693 42993 | 0 | | | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 3 | | mg/kg mg/kg | | J V |
| 43193 | 0 | | | | | 7440-38-2 | 2 | 4.4 | | | J |
| 43393 | 4 | | | | | 7440-38-2 | 3 | | | | V |
| 43493 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | V V |
| 43693 43793 | 4 | | | | | 7440-38-2 7440-38-2 | · 2 | | mg/kg mg/kg | | V |
| 43893 | 0 | | | | | 7440-38-2 | 2 | | mg/kg | | J |
| 43993 | 0 | 2 | IN | SS40091AE | ARSENIC | 7440-38-2 | 2 | 3.9 | mg/kg | N | J |
| 44093 | 0 | | | | ARSENIC | 7440-38-2 | 2 | | | | J |
| 44393 44593 | 0 | | IN IN | | ARSENIC · | 7440-38-2 7440-38-2 | 2.2 | | mg/kg mg/kg | | V V |
| 44893 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | V |
| 45693 | 0 | 2 | IN | SS40094AE | ARSENIC | 7440-38-2 | 3 | 4.1 | mg/kg | | J |
| 45793 | 0 | L | | | | 7440-38-2 | 3 | | | | V |
| 46193 46693 | 0 | | | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 3 | | mg/kg mg/kg | | V |
| 46793 | 4 | | | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| 46893 | 4 | 6 | IN | SS40143AE | ARSENIC | 7440-38-2 | 10 | 4.5 | mg/kg | | J |
| 47093 | 0 | | | | ARSENIC | 7440-38-2 | 10 | | ,, | | J |
| 48195 48295 | 0 | | | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | | | mg/kg mg/kg | BW | Z |
| 48395 | 0 | | | | | 7440-38-2 | | | | BW | Z |
| SS400293 | 0 | | | | ARSENIC | 7440-38-2 | 2.8 | | mg/kg | | V |
| SS400393 | 0 | | | | | 7440-38-2 | 2 | | mg/kg | | V |
| \$\$400593 \$\$400693 | 0 | | | | | 7440-38-2 7440-38-2 | 2 | | mg/kg mg/kg | | V V |
| S\$400793 | 0 | | | | | 7440-38-2 | 2.3 | | mg/kg | | <u> </u> |
| SS400893 | 0 | | | | | 7440-38-2 | 3 | 2.3 | mg/kg | В | V |
| SS401193 | 0 | | IN | | | 7440-38-2 | 3 | - | mg/kg | | J |
| SS401293 SS401393 | 0 | | IN IN | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 2.2 2.9 | | mg/kg mg/kg | | V V |
| SS401593 | 0 | | IN | | ARSENIC | 7440-38-2 | 2.6 | | mg/kg | | iv |
| SS401693 | 0 | | | SS40032AE | ARSENIC | 7440-38-2 | 2 | 1 | mg/kg | | J |
| SS401893 | 0 | | IN | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| SS402393 SS402593 | 0 | | IN IN | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 3 | | mg/kg mg/kg | | V V |
| SS402793 | 0 | | IN | | ARSENIC | 7440-38-2 | 2 | 2 | mg/kg | | V |
| SS402893 | 0 | 2 | IN | SS40044AE | ARSENIC | 7440-38-2 | 2 | 2.8 | mg/kg | | V |
| SS402993 | 0 | | | | ARSENIC | 7440-38-2 | 2 | 3.9 | mg/kg | <u>; </u> | IV IV |
| SS403093 SS403193 | 0 | | | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 2 | | mg/kg mg/kg | | V |
| SS403293 | Ö | | IN | SS40048AE | ARSENIC | 7440-38-2 | 2 | 4.7 | mg/kg | i . | V |
| SS403393 | 0 | | | | ARSENIC | 7440-38-2 | 2 | | | | V |
| SS403493 SS403593 | 0 | | IN IN | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 2 | | | | V V |
| SS403593 | 0 | | | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| SS606292 | 0 | 2 | IN | SS60062WC | ARSENIC | 7440-38-2 | 2 | 4.3 | mg/kg | | V |
| SS810893 | . 0 | | | | ARSENIC | 7440-38-2 | 10 | | mg/kg | | V |
| SS811193 SS811493 | <u>0</u> | | | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 10 | | mg/kg mg/kg | | J V |
| 05093 | 0 | | | | BARIUM | 7440-38-2 | 10 | | mg/kg | | v |
| 05193 | 0 | 21 | IN | SS00003AE | BARIUM | 7440-39-3 | 10 | 170 | mg/kg | | V |
| 05393 | 0 | | IN | | | 7440-39-3 | 10 | | mg/kg | | V |
| 40093 40293 | i 0 | | | | | 7440-39-3 7440-39-3 | 55 57 | 137 | mg/kg : mg/kg | | V V |
| 40393 | 0 | | | | | 7440-39-3 | 52 | | mg/kg | | V |
| 40693 | 0 | 2 | IN | SS40057AE | BARIUM | 7440-39-3 | 10 | 146 | mg/kg | | V |
| 40793 | 0 | | | | | 7440-39-3 | 10 | | mg/kg | | V |
| 40893 40993 | 0 | | | | BARIUM BARIUM | 7440-39-3 7440-39-3 | 48.3 10 | | mg/kg mg/kg | | V V |
| 41193 | 0 | | | | BARIUM | 7440-39-3 | 72 | | mg/kg | | v |
| 41293 | 0 | 2 | IN | S\$40071AE | BARIUM | 7440-39-3 | 10 | 92.2 | mg/kg | | V |
| 41593 | 4 | 6 | IN | SS40073AE | BARIUM | 7440-39-3 | 10 | 93.7 | mg/kg | | V |

| | | | Table | A.1 - Solar Eva | poration Ponds AOC | Analytical R | esults for Surfa | ace Soils - | Metals | • | |
|------------------------|----------------|--|----------|------------------------|--------------------|-------------------------|------------------|---|----------------|---------------------------------------|----------------|
| 200 | | ** | | 12/2/ | | <u>.</u> | | 3.5 | \$ \$\$ | | |
| LOCATION | DEPTH | DEPTH | 22.0 | SAMPLE | | | DETECTION | | | LAB RESULT | VALIDATION |
| CODE | START | END | UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | | S QUALIFIER | QUALIFIER |
| 41693 41793 | 0 | | IN IN | SS40410AE SS40077AE | BARIUM | 7440-39-3 7440-39-3 | 53 | | mg/kg mg/kg | | IV |
| 41993 | Ö | | | SS40009AE | BARIUM | 7440-39-3 | 48 | | mg/kg | 1 | IV |
| 42093 | 0 | | | SS40480AE | BARIUM | 7440-39-3 | 41 | | mg/kg | | V |
| 42193 42293 | 0 | | | SS40012AE SS40078AE | BARIUM BARIUM | 7440-39-3 7440-39-3 | 10 | | mg/kg mg/kg | | IV IV |
| 42393 | 0 | | | \$\$40079AE | BARIUM | 7440-39-3 | 43 | | mg/kg | · · · · · · · · · · · · · · · · · · · | V |
| 42593 | 4 | | | SS40082AE | BARIUM | 7440-39-3 | 10 | 43.2 | mg/kg | | V |
| 42693 42993 | 0 | | | SS40080AE SS40056AE | | 7440-39-3 7440-39-3 | 62 | | mg/kg mg/kg | | IV · |
| 43193 | 0 | | IN | SS40084AE | | 7440-39-3 | 44 | *** | mg/kg | | V |
| 43393 | 4 | | | SS40087AE | BARIUM | 7440-39-3 | 10 | 90.3 | mg/kg | | V |
| 43493 43693 | 0 4 | | | SS40086AE SS40089AE | | 7440-39-3 7440-39-3 | 10 | | mg/kg mg/kg | ! | V V |
| 43793 | 0 | | | SS40088AE | | 7440-39-3 | 1 47 | | mg/kg | | IV |
| 43893 | 0 | | IN | SS40010AE | BARIUM | 7440-39-3 | 47 | 123 | mg/kg | | IV |
| 43993 | 0 | **************** | | SS40091AE | | 7440-39-3 | 45 | | mg/kg | | iV |
| 44093 44393 | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | SS40090AE SS40005AE | | 7440-39-3 7440-39-3 | 48 | | mg/kg mg/kg | · i | V V |
| 44593 | 0 | | IN | SS40001AE | | 7440-39-3 | 44 | | mg/kg | | ĺv |
| 44893 | 0 | | | SS40070AE | | 7440-39-3 | 58 | 158 | mg/kg | | iv . |
| 45693 45793 | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | IN IN | SS40094AE SS40015AE | · · | 7440-39-3 7440-39-3 | 10 | | mg/kg mg/kg | | IV IV |
| 46193 | 0 | | | SS40015AE SS40096AE | | 7440-39-3 | 10 | | mg/kg | | J J |
| 46693 | 4 | | | SS40141AE | BARIUM | 7440-39-3 | 40 | 86.4 | mg/kg | | IV. |
| 46793 46893 | 4 | | | SS40142AE SS40143AE | | 7440-39-3 7440-39-3 | 200 | | mg/kg mg/kg | | IV IV |
| 47093 | 0 | | | SS40145AE | | 7440-39-3 | 200 | | mg/kg | | IV |
| 48195 | 0 | | FT | AS00001PE | BARIUM | 7440-39-3 | [| 50.4 | mg/kg | В | Z |
| 48295 48395 | 0 | | | AS00002PE | | 7440-39-3 | | | mg/kg | В | Z |
| SS400293 | 0 | | | AS00003PE SS40018AE | | 7440-39-3 7440-39-3 | 57 | | mg/kg mg/kg | B | Z V |
| SS400393 | 0 | | | SS40019AE | | 7440-39-3 | 10 | | mg/kg | | V |
| \$\$400593 | 0 | | | SS40021AE | | 7440-39-3 | 10 | | mg/kg | ļ | IV |
| SS400693 SS400793 | 0 0 | | | SS40022AE SS40023AE | | 7440-39-3 7440-39-3 | 10 46.5 | | mg/kg mg/kg | | IV IV |
| SS400893 | 0 | 2 | | S\$40024AE | | 7440-39-3 | 52 | | mg/kg | | īv |
| SS401193 | 0 | | | SS40027AE | | 7440-39-3 | 56 | | mg/kg | | V |
| SS401293 SS401393 | 0 | 2 | | SS40028AE SS40029AE | | 7440-39-3 7440-39-3 | 44.8 57.8 | | mg/kg mg/kg | | IV IV |
| SS401593 | 0 | | | SS40031AE | | 7440-39-3 | 51.7 | | mg/kg | | iv |
| SS401693 | 0, | 2 | | SS40032AE | | 7440-39-3 | 42 | 47.6 | mg/kg | | V |
| SS401893 SS402393 | 0 | 2 | | SS40034AE SS40039AE | | 7440-39-3 7440-39-3 | 44 | *************************************** | mg/kg mg/kg | | V V |
| SS402593 | 0 | 2 | | SS40039AL | | 7440-39-3 | 54 | ****** | mg/kg | | l v |
| SS402793 | 0 | 2 | | SS40043AE | BARIUM | 7440-39-3 | 10 | 67.3 | mg/kg | | V |
| SS402893 SS402993 | 0 | 2 | | SS40044AE | | 7440-39-3 | 10 | | mg/kg | | V |
| SS402993 | 0 | 2 | | SS40045AE SS40046AE | | 7440-39-3 7440-39-3 | 10 10 | | mg/kg mg/kg | | IV IV |
| SS403193 | 0 | 2 | IN | SS40047AE | BARIUM | 7440-39-3 | 10 | | mg/kg | | v |
| SS403293 | 0 | 2 | | SS40048AE | | 7440-39-3 | 10 | 91 | mg/kg | | V |
| SS403393 SS403493 | 0 | 2 | | SS40049AE SS40050AE | | 7440-39-3 7440-39-3 | 10 | | mg/kg mg/kg | | V V |
| S\$403593 | 0 | 2 | IN (| SS40051AE | BARIUM | 7440-39-3 | 10 | | mg/kg | | V |
| SS403693 | 0 | 2 | | SS40052AE | | 7440-39-3 | 10 | 151 | mg/kg | | V . |
| SS606292 SS620292 | 0 | 2 2 | | SS60062WC SS60202WC | | 7440-39-3 7440-39-3 | 40 40 | | mg/kg mg/kg | | V V |
| SS810893 | 0. | 3 | | SSG0102JE | | 7440-39-3 | 200 | | mg/kg | | V |
| SS811193 | 0 | 3 | | SSG0105JE | BARIUM | 7440-39-3 | 200 | 20.1 | mg/kg | В | V |
| SS811493 05093 | 0 | 3 2: | | SSG0108JE SS00002AE | | 7440-39-3 7440-41-7 | 200 5 | | mg/kg mg/kg | | V |
| 05193 | 0 | 2 | | SS00002AE SS00003AE | | 7440-41-7 | 5 | | mg/kg mg/kg | | V |
| 05393 | 0 | 2 | IN ! | SS00005AE | BERYLLIUM | 7440-41-7 | 5 | 1.1 | mg/kg | U | V |
| 40093 40293 | 0 | 2 | | SS40060AE SS40042AE | | 7440-41-7 7440-41-7 | 1 | | mg/kg mg/kg | .U ∶U | V V |
| 10393 | 0 | 2 | | SS4004ZAE SS40053AE | | 7440-41-7 7440-41-7 | 1 | | mg/kg mg/kg | U | V |
| 10693 | 0 | 2 | N I | SS40057AE | BERYLLIUM | 7440-41-7 | 5 | 1.9 | mg/kg | U | V |
| 10793 10893 | 0 | 2 | | SS40058AE | | 7440-41-7 | 5 | | mg/kg | | V |
| 10993 | 0 0; | 2 | | SS40004AE SS40072AE | | 7440-41-7 7440-41-7 | 1.2 5 | | mg/kg mg/kg | | V V |
| 1193 | 0. | 2 | IN . | SS40007AE | BERYLLIUM | 7440-41-7 | 2 | 1.8 | mg/kg | U | V |
| 11293 | 0 | 2 | | SS40071AE | | 7440-41-7 | 5 | 1.5 | mg/kg | | V |
| 1593 | 4 | 6 1 | | SS40073AE SS40410AE | | 7440-41-7 | 5 | | mg/kg mg/kg | | V |
| 1693 | 0 | 2 | in · | 554U41U4F | BERYLLIUM | 7440-41-7 | . 1 | 7 - | | | |

| | · · · · · · · · · · · · · · · · · · · | Table | A.1 - Solar Eva | poration Ponds AOC | Analytical R | esults for Surfa | ce Soils - | Metals | | 7. 2 |
|------------------------|---------------------------------------|--------------|------------------------|---------------------|------------------------|------------------|-------------|------------------------------|-----------|---------------|
| LOCATION | DEPTH | DEPTH . | SAMPLE | | | DETECTION | | | | VALIDATION |
| CODE | START | END UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | worth an and the same of the | QUALIFIER | QUALIFIER |
| 41993 42093 | 0 | | SS40009AE SS40480AE | BERYLLIUM | 7440-41-7 7440-41-7 | 1 1 | | mg/kg mg/kg | U | <u>v</u> V |
| 42193 | 4 | 6 IN | S\$40012AE | | 7440-41-7 | 5 | | mg/kg | | <u>v</u> |
| 42293 | 0 | 2 IN | SS40078AE | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | | V |
| 42393 | 0 | 2 IN | S\$40079AE | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | | V |
| 42593 | 4 | | SS40082AE | BERYLLIUM | 7440-41-7 | 5 | | img/kg | | V |
| 42693 42993 | 0 | 2 IN 2 IN | SS40080AE SS40056AE | | 7440-41-7 7440-41-7 | 1 | | mg/kg mg/kg | | V V |
| 43193 | 0 | 2 IN | S\$40084AE | | 7440-41-7 | 1 1 | *** | mg/kg | | v |
| 43393 | 4 | | SS40087AE | | 7440-41-7 | 5 | | img/kg | | v |
| 43493 | 0 | 2 IN | SS40086AE | | 7440-41-7 | 5 | 1.1 | | | V |
| 43693 | 4 | | SS40089AE | | 7440-41-7 | 5 | | mg/kg | | V |
| 43793 43893 | 0) 0 | | SS40088AE SS40010AE | | 7440-41-7 7440-41-7 | 1 | | | | <u>V</u> V |
| 43993 | 0 | | SS40010AE | | 7440-41-7 | 1 | | mg/kg mg/kg | | V |
| 44093 | 0 | | S\$40090AE | | 7440-41-7 | 1 | | mg/kg | | v · |
| 44393 | 0 | | SS40005AE | | 7440-41-7 | 1 | | | | V |
| 44593 | 0 | | S\$40001AE | | 7440-41-7 | 1.1 | | mg/kg | . – | V |
| 44893 45693 | 0 | | SS40070AE | | 7440-41-7 | 1 | | mg/kg ' | | <u>V</u> |
| 45793 | 0 | | ISS40094AE | BERYLLIUM BERYLLIUM | 7440-41-7 7440-41-7 | 5 5 | | mg/kg mg/kg | | V V |
| 46193 | O O | | SS40096AE | | 7440-41-7 | 5 | | mg/kg | | <u> </u> |
| 46693 | 4 | 6 IN | SS40141AE | BERYLLIUM | 7440-41-7 | 1 | | | | J |
| 46793 | 4 | 6 IN | SS40142AE | | 7440-41-7 | 1 | | | | J |
| 46893 | 4! 0' | 6: IN | .SS40143AE | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | | <u>J</u> |
| 47093 48195 | 0 | | SS40145AE AS00001PE | BERYLLIUM | 7440-41-7 7440-41-7 | 5 0.27 | | mg/kg mg/kg | | J Z |
| 48295 | 0 | 0 FT | AS00001FE | | 7440-41-7 | 0.27 | | mg/kg mg/kg | | <u>Z</u> |
| 48395 | 0 | 0;FT | AS00003PE | | 7440-41-7 | 0.31 | | mg/kg | | Ž |
| S\$400293 | 0 | 2 IN | SS40018AE | | 7440-41-7 | 1.4 | 1.4 | mg/kg | | V |
| SS400393 SS400593 | 0, | | SS40019AE | BERYLLIUM | 7440-41-7 | 5 | ~~~~ | mg/kg | | V |
| SS400593 SS400693 | 0 | | SS40021AE SS40022AE | BERYLLIUM | 7440-41-7 7440-41-7 | 5 | | mg/kg | | <u>v</u> V |
| SS400793 | 0 | 2 IN | SS40023AE | | 7440-41-7 | 1.2 | | mg/kg mg/kg | | v V |
| SS400893 | 0 | 2 IN | SS40024AE | | 7440-41-7 | 1 | | | | v v |
| SS401193 | 0; | 2 IN | SS40027AE | | 7440-41-7 | 1 | | mg/kg | | V |
| SS401293 | 0 | 2 IN | SS40028AE | | 7440-41-7 | 1.1 | | | | V |
| SS401393 SS401593 | 0 | 2 IN 2 IN | SS40029AE SS40031AE | | 7440-41-7 7440-41-7 | 1.4 | | | | V V |
| SS401693 | 0 | 2 IN | SS40031AE | | 7440-41-7 | 1.3 | | | | <u>v</u> |
| SS401893 | , 0 | 2 IN | SS40034AE | | 7440-41-7 | 1 | | mg/kg | | v |
| SS402393 | 0 | 2 IN | SS40039AE | BERYLLIUM | 7440-41-7 | 1 | | | | V |
| SS402593 | 0 | | SS40041AE | | 7440-41-7 | 1 | | | | V |
| SS402793 SS402893 | 0 ¹ 0: | 2!IN 2:IN | SS40043AE SS40044AE | | 7440-41-7 | 5 | | mg/kg | | V |
| SS402993 | 0, | 2/1N 2/1N | SS40044AE | | 7440-41-7 7440-41-7 | 5 | | mg/kg mg/kg | | V V |
| SS403093 | 0! | 2 IN | SS40046AE | | 7440-41-7 | 5 | | mg/kg | | <u> </u> |
| SS403193 | 0 | 2 IN | SS40047AE | | 7440-41-7 | 5 | | | | v |
| SS403293 | 0 | | SS40048AE | | 7440-41-7 | 5 | ` 1.5 | mg/kg | | V |
| SS403393 | 0 | 2 IN | SS40049AE | * | 7440-41-7 | 5 | | | | V |
| SS403493 SS403593 | 0: | | | | 7440-41-7 7440-41-7 | 5 5 | 1.2 | mg/kg mg/kg | | <u>V</u> V |
| SS403593 | 0 | 2 IN | SS40051AE | | 7440-41-7 | 5 | | | | V V |
| SS606292 | 0 | 2 IN | SS60062WC | | 7440-41-7 | 1 | | | | <u>J</u> |
| SS620292 | 0 | | | | 7440-41-7 | 1 | 0.58 | mg/kg | U | J |
| SS810893 | 0 | | SSG0102JE | | 7440-41-7 | 5 | | | U . | J |
| SS811193 SS811493 | 0; 0; | | SSG0105JE SSG0108JE | | 7440-41-7 7440-41-7 | 5 | | | U . | |
| 05093 | 0 | | SS00002AE | | 7440-41-7 7440-43-9 | 5 <u>.</u> 5 | | mg/kg mg/kg | | <u>/</u> |
| 05193 | 0 | | SS00003AE | | 7440-43-9 | 5 | | mg/kg | | V |
| 05393 | 0 | 2 IN | SS00005AE | CADMIUM | 7440-43-9 | 5 | 1,1 | mg/kg | U ! | J |
| 40093 | 0 | | SS40060AE | | 7440-43-9 | 1 | | | UN ! | V |
| 40293 40393 | 0: 0; | | SS40042AE SS40053AE | | 7440-43-9 7440-43-9 | 1 | | | U | |
| 40693 | 0; | | SS40053AE SS40057AE | | 7440-43-9 7440-43-9 | 1 5 | | | | <u>/</u> |
| 40793 | 0 | | | | 7440-43-9 | 5 | | | U | |
| 40893 Í | O | 2 IN | SS40004AE | CADMIUM | 7440-43-9 | 1.2 | | mg/kg | l. | j |
| 40993 | 0 | | | | 7440-43-9 | 5 | 3.2 | mg/kg | ! | V |
| 41193 | 0 | | | | 7440-43-9 | 2 | | mg/kg | | <i>'</i> |
| 41293 41593 | 0 | | SS40071AE SS40073AE | | 7440-43-9 7440-43-9 | 5 5 | | mg/kg mg/kg | | <i>'</i> |
| 41693 | 0 | | | | 7440-43-9 7440-43-9 | 1 | | | N . | |
| 41793 | 0 | | SS40077AE | , | 7440-43-9 | 1 | 30.1 | mg/kg | i i | |
| 41993 | 0 | 2 IN | SS40009AE | CADMIUM | 7440-43-9 | 11 | 1.8 | mg/kg | N . | |
| 42093 | 0 | 2 IN | SS40480AE | CADMIUM | 7440-43-9 | 11 | 1.5 | mg/kg | N . |) |

| | Temperature ver | Table | A.1 - Solar Eva | poration Ponds AOC | - Analytical R | esults for Surf | ace Soils - Metals | | |
|----------------------|-----------------|---|---|--|-------------------------|-----------------|----------------------------|---|--------------|
| | | | | | | | | | |
| LOCATION | DEPTH | DEPTH. | SAMPLE | | | DETECTION | | LAB RESULT | VALIDATION |
| 42193 | START | END UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER |
| 42293 | 4 | | SS40012AE SS40078AE | | 7440-43-9 | | | | iV |
| 42393 | 0 | | | CADMIUM | 7440-43-9 | 1 | | | IV IV |
| 42593 | 4 | *************************************** | | CADMIUM | 7440-43-9 | 5 | 6 mg/kg | į. | ÍV |
| 42693 42993 | 0 | | | CADMIUM CADMIUM | 7440-43-9 | 2 | | | V |
| 43193 | 0 | | | CADMIUM | 7440-43-9 7440-43-9 | 1 | | | IV IV |
| 43393 | 4 | 6 IN - | SS40087AE | CADMIUM | 7440-43-9 | 5 | | | V |
| 43493 43693 | 0 | ······································ | | CADMIUM | 7440-43-9 | 5 | 3.7 mg/kg | | V |
| 43793 | 4 0 | | | CADMIUM CADMIUM | 7440-43-9 7440-43-9 | 5 | | | V |
| 43893 | ō | | | | 7440-43-9 | 1 | | | J V |
| 43993 | 0 | | | CADMIUM | 7440-43-9 | 1 | 1.1 mg/kg | | V |
| 44093 | 0 | | | CADMIUM | 7440-43-9 | 1 | 1.2 mg/kg | U. | V |
| 44593 | 0 | | | | 7440-43-9 7440-43-9 | 1 | | | V. |
| 44893 | 0 | ····· | | | 7440-43-9 | 1 <u>.1</u> | | | J J |
| 45693 | 0 | | | CADMIUM | 7440-43-9 | 5 | 1.5 mg/kg | | V |
| 45793 46193 | 0 | | | | 7440-43-9 | 5 | 1.9 mg/kg | | V |
| 46693 | 4 | | | | 7440-43-9 7440-43-9 | 5 1 | | | V |
| 46793 | 4 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | 7440-43-9 | 1 | 9_9 | | J J |
| 46893 | 4 | 6 IN | SS40143AE | CADMIUM | 7440-43-9 | 5 | 0.66 mg/kg | | V |
| 47093 48195 | 0 | | | | 7440-43-9 | 5 | | | V |
| 48295 | 0 | | | | 7440-43-9 7440-43-9 | 0.81 0.8 | 0.81 mg/kg | | Z |
| 48395 | 0 | | | | 7440-43-9 | 0.93 | 0.8 mg/kg 0.93 mg/kg | | Z Z |
| SS400293 | 0 | | SS40018AE | CADMIUM | 7440-43-9 | 1.4 | | | v - |
| SS400393 SS400593 | 0 | | | | 7440-43-9 | 5 | 23.9 mg/kg | | V |
| SS400593 | 0 | | | | 7440-43-9 7440-43-9 | 5 | | | V |
| SS400793 | 0 | | | | 7440-43-9 | 5 1.2 | 17.3 mg/kg 1.2 mg/kg | *************************************** | V J |
| SS400893 | 0 | 2 IN | SS40024AE | CADMIUM | 7440-43-9 | 1 | | | <u>v</u> |
| SS401193 SS401293 | 0 | | | | 7440-43-9 | 1 | 1.4 mg/kg | UN ! | V |
| ISS401393 | 0 | | | | 7440-43-9 7440-43-9 | 1.1 | | | ļ |
| SS401593 | 0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 7440-43-9 | 1.4 | 2.1 mg/kg 1.5 mg/kg | | J J |
| SS401693 | 0 | | | CADMIUM | 7440-43-9 | 1 | | | v |
| SS401893 SS402393 | 0 | | | | 7440-43-9 | 1 | 6.1 mg/kg | | J |
| \$\$402593 | 0 | *************************************** | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | 7440-43-9 7440-43-9 | <u>1 </u> | | | V |
| SS402793 | 0 | | | | 7440-43-9 | 5 | 1.3 mg/kg 356 mg/kg | | v V |
| SS402893 | 0 | | | CADMIUM | 7440-43-9 | 5 | 194 mg/kg | | v |
| SS402993 SS403093 | 0 | | | | 7440-43-9 | 5 | 14.6 mg/kg | | V |
| SS403193 | 0 | | | | 7440-43-9 7440-43-9 | 5 5 | 382 mg/kg 1.9 mg/kg | · | V . |
| SS403293 | 0 | 2 IN S | | | 7440-43-9 | 5 | 2.5 mg/kg | | |
| SS403393 SS403493 | 0 | | | | 7440-43-9 | 5 | | | V |
| SS403493 SS403593 | 0 | | | | 7440-43-9 7440-43-9 | 5 | | U (\) | |
| SS403693 | 0 | | COLOREDAE I | 3.5.4 | 7440-43-9 | 5 <u> </u> 5 | 1.1 mg/kg 1.3 mg/kg | U \ | |
| S\$606292 | 0 i | 2 IN 5 | SS60062WC (| CADMIUM | 7440-43-9 | 1 | 1.3 mg/kg 1.3 mg/kg | | |
| SS620292 SS810893 | 0! | | | | 7440-43-9 | 1 | 0.7 mg/kg | U }\ | V |
| SS811193 | 0) 0) | | | | 7440-43-9 7440-43-9 | 5 | | U N | |
| SS811493 | 0 | 3 IN 5 | | | 7440-43-9 | 5 5 | | U /\ B /\ | |
| 05093 | 0 | 2 IN 5 | SS00002AE (| CALCIUM | 7440-70-2 | 1000 | 28600 mg/kg | 1 | |
| 05193 05393 | 0 | | | | 7440-70-2 | 1000 | 77500 mg/kg | • 1 | J |
| 40093 | 0 | | | | 7440-70-2 7440-70-2 | 1000 | | U (| |
| 40293 | 0 | 2 IN 5 | S40042AE (C | | 7440-70-2 | 1372 2829 | 5730 mg/kg 4530 mg/kg | \ \ | |
| 40393 | 0 | 2 IN (S | S40053AE (| CALCIUM 7 | 7440-70-2 | 1295 | 9760 mg/kg | i v | |
| 40693 40793 | 0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 7440-70-2 | 1000 | 39400 mg/kg | IV | / |
| 40893 | 0 | | | | 7440-70-2 7440-70-2 | 1000 2415.5 | 20400 mg/kg 29700 mg/kg | | |
| 40993 | 0 | 2 IN S | S40072AE C | ALCIUM 17 | 7440-70-2 | 1000 | 13000 mg/kg | ĮV ĮV | |
| 41193 | 0 | | | ALCIUM 7 | 7440-70-2 | 1802 | 44100 mg/kg | V | / |
| 41293 41593 | 0 | | | | 7440-70-2 | 1000 | 22800 mg/kg | V | / |
| 41693 | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | 7440-70-2 7440-70-2 | 1000 1337 | 1280 mg/kg 11300 mg/kg | • | |
| 41793 | 0 | 2 IN S | S40077AE C | ALCIUM 7 | 440-70-2 | 1138 | 30000 mg/kg | E J V | |
| 41993 42093 | 0 | | | | 440-70-2 | 1192 | 6980 mg/kg | V | ′ |
| 42093 | 0 4 | | | | 440-70-2 | 1030 | 2360 mg/kg | V | |
| 42293 | 0 | | | | 440-70-2 440-70-2 | 1000 | | B V | |
| | ····· | | | 11 | .70 10-2 | 1000 | Josoo; mg/kg | | |

| | | | Table | A.1 - Solar Evar | ooration Ponds AOC | - Analytical Re | esults for Surfa | ice Soils - f | Metals | | |
|----------------------|-------|--------|----------|-------------------------|----------------------|--------------------------|------------------|-----------------|-----------------|--|---------------|
| | | | \$ 10 m | 38.50 | | | | 1 (33) | | | |
| LOCATION | DEPTH | DEPTH. | | SAMPLE | | | DETECTION |) X | | LAB RESULT | VALIDATION |
| CODE | START | END | UNITS | NUMBER S | ANALYTE CALCIUM | 7440-70-2 | LIMIT 2141 | RESULT | UNITS: mg/kg | QUALIFIER | QUALIFIER V |
| 42393 42593 | 0 | | IN | | CALCIUM | 7440-70-2 | 1000 | | mg/kg | | V |
| 42693 | 0 | | IN | | CALCIUM : | 7440-70-2 | 1550 | | mg/kg | 1 | V |
| 42993 43193 | . 0 | | IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 2281 1101 | 39500 | mg/kg mg/kg | | V |
| 43393 | 4 | | IN | SS40087AE | CALCIUM | 7440-70-2 | 1000 | 1170 | mg/kg | | V |
| 43493 43693 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1000 | | mg/kg mg/kg | | V V |
| 43793 | 0 | 2 | IN | SS40088AE | CALCIUM | 7440-70-2 | 1167 | 13500 | mg/kg | E | J |
| 43893 43993 | 0 | | IN IN | | CALCIUM | 7440-70-2 7440-70-2 | 1182 1130 | | | | V V |
| 44093 | 0 | 2 | IN | SS40090AE | CALCIUM | 7440-70-2 | 1192 | 72500 | mg/kg | l | V |
| 44393 44593 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 2294 2199.5 | | | | V V |
| 44893 | 0 | | IN | | CALCIUM | 7440-70-2 | 1449 | | mg/kg | | V |
| 45693 45793 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1000 | | | | V V |
| 46193 | 0 | | IN | | | 7440-70-2 | 1000 | | | | V |
| 46693 | 4 | | IN | | | 7440-70-2 | 1000 | | mg/kg | | V |
| 46793 46893 | 4 | | IN IN | | CALCIUM . CALCIUM | 7440-70-2 7440-70-2 | 1000 5000 | | mg/kg mg/kg | | V J |
| 47093 | 0 | 1 | IN | S\$40145AE | CALCIUM | 7440-70-2 | 5000 | 14700 | mg/kg | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | J |
| 48195 48295 | 0 | | FT | | CALCIUM | 7440-70-2 7440-70-2 | | | mg/kg mg/kg | | Z Z |
| 48395 | 0 | 0 | FT | AS00003PE | CALCIUM | 7440-70-2 | | 2200 | mg/kg | | Z |
| SS400293 SS400393 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 2848.6 1000 | 11600 19300 | | | V V |
| SS400593 | 0 | | IN | | CALCIUM | 7440-70-2 | 1000 | 3090 | mg/kg | | V |
| SS400693 SS400793 | 0 | | IN IN | SS40022AE SS40023AE | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1000 2325.3 | 9250 68400 | mg/kg | *************************************** | V |
| S\$400793 | 0 | | IN | | CALCIUM | 7440-70-2 | 1305 | | mg/kg | | j |
| SS401193 | 0 | | IN | | CALCIUM | 7440-70-2 | 1408 | | mg/kg | | J. |
| SS401293 SS401393 | 0 | | IN IN | | CALCIUM | 7440-70-2 7440-70-2 | 2240.1 2890.6 | 10800 24200 | | | V |
| SS401593 | 0 | | IN | | CALCIUM | 7440-70-2 | 2587.3 | 24300 | mg/kg | | V |
| SS401693 SS401893 | 0 | | IN IN | SS40032AE SS40034AE | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1062 1101 | | mg/kg mg/kg | | J |
| SS402393 | 0 | 2 | IN | SS40039AE | CALCIUM | 7440-70-2 | 1157 | 8200 | mg/kg | • | J |
| SS402593 SS402793 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1342 | | mg/kg mg/kg | | <u> </u> |
| SS402893 | 0 | 2 | IN | SS40044AE | CALCIUM | 7440-70-2 | 1000 | 5650 | mg/kg | | V |
| SS402993 SS403093 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1000 | 63200 248000 | mg/kg | | <u>v</u> |
| SS403093 | 0 | | IN | | CALCIUM | 7440-70-2 | 1000 | 18100 | | | v |
| SS403293 | 0 | | IN | | CALCIUM | 7440-70-2 | 1000 | 55500 | | | V V |
| SS403393 SS403493 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 1000 | 31500 7800 | mg/kg mg/kg | | v v |
| SS403593 | 0 | | IN | | CALCIUM | 7440-70-2 | 1000 | 7490 | mg/kg | | V |
| SS403693 SS606292 | 0 | | IN IN | | | 7440-70-2 7440-70-2 | 1000 1000 | 5900 7580 | mg/kg mg/kg | | <u>V</u> V |
| SS620292 | 0 | 2 | IN | SS60202WC | CALCIUM | 7440-70-2 | 1000 | 8690 | mg/kg | | V |
| SS810893 SS811193 | 0 | | IN IN | | CALCIUM CALCIUM | 7440-70-2 7440-70-2 | 5000 5000 | | mg/kg mg/kg | | V |
| SS811493 | 0 | 3 | IN | SSG0108JE | CALCIUM | 7440-70-2 | 5000 | 11700 | mg/kg | | <u>v</u> |
| 05093 05193 | 0 | | IN IN | | CESIUM CESIUM | 7440-46-2 7440-46-2 | 500 500 | 108 | | | <u>J</u> J |
| 05393 | 0 | | IN | | CESIUM | 7440-46-2 | 500 | | | | j |
| 40093 | 0 | | IN | | CESIUM | 7440-46-2 | 274 | | | | j |
| 40293 40393 | 0 | | IN IN | | CESIUM CESIUM | 7440-46-2 7440-46-2 | 283 259 | | mg/kg mg/kg | | J |
| 40693 | 0 | | IN | SS40057AE | CESIUM | 7440-46-2 | 500 | 190 | mg/kg | UN | J |
| 40793 40893 | 0 | | IN IN | | CESIUM CESIUM | 7440-46-2 7440-46-2 | 500 241.5 | | mg/kg mg/kg | | J J |
| 40993 | 0 | 2 | IN | SS40072AE | CESIUM | 7440-46-2 | 500 | 120 | mg/kg | UN | J |
| 41193 41293 | 0 | | IN IN | | CESIUM CESIUM | 7440-46-2 7440-46-2 | 360 500 | | | | J J |
| 41593 | 4 | 6 | IN | SS40073AE | CESIUM | 7440-46-2 | 500 | 110 | mg/kg | UN | J |
| 41693 41793 | 0 | | IN IN | | CESIUM CESIUM | 7440-46-2 7440-46-2 | 267 228 | | | | J J |
| 41993 | . 0 | 2 | IN | SS40009AE | | 7440-46-2 | 228 | | | | J |
| 42093 | 0 | | IN | | CESIUM | 7440-46-2 | 206 | 103 | mg/kg | U | J |
| 42193 42293 | 4 | | IN IN | | | 7440-46-2 7440-46-2 | 500 500 | | | | J J |
| 42393 | 0 | 2 | IN | SS40079AE | CESIUM | 7440-46-2 | 214 | 107 | mg/kg | U | J |
| 42593 | 4 | 6 | IN | ISS40082AE | CESIUM | 7440-46-2 | 500 | 110 | mg/kg | UN } | J |



| V 5. 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | Commence I Commence | 866,369-5 . 695,368 | DIC ALT - OCIAL EVA | poration Ponds AOC | - Analytical N | ESUIS IOI SUITA | CE 30115 - INTE | etais | Codes Rudes Colored Inc. Land Republic | |
|--|---------------------|---------------------|---------------------|--|------------------------|-----------------|-----------------------------------|----------|--|------------|
| | | | | | | | | | | |
| LOCATION | DEPTH D | EPTH | SAMPLE | | | DETECTION | | | LAB RESULT | VALIBATION |
| CODE | | END UNIT | | ANALYTE | CAS NO. | LIMIT | RESULT | | | VALIDATION |
| 42693 | 0 | 2 IN | SS40080AE | CESIUM | 7440-46-2 | 310 | The street of the second services | UNITS | QUALIFIER | QUALIFIER |
| 42993 | 0 | 2 IN | SS40056AE | CESIUM | 7440-46-2 | 228 | | | | J J |
| 43193 | 0 | 2 IN | SS40084AE | CESIUM | 7440-46-2 | 220 | | | | J |
| 43393 | 4 | 6 IN | SS40087AE | CESIUM | 7440-46-2 | 500 | | | | J |
| 43493 | 0 | 2 IN | SS40086AE | CESIUM | 7440-46-2 | 500 | | | | j |
| 43693 | 4 | 6 IN | SS40089AE | CESIUM | 7440-46-2 | 500 | 100 m | | | j |
| 43793 | 0 | 2 IN | SS40088AE | CESIUM | 7440-46-2 | 233 | 114 m | | | J |
| 43893 | 0 | 2 IN | SS40010AE | | 7440-46-2 | 236 | 118 m | | | J |
| 43993 | 0. | 2 IN | | | 7440-46-2 | 226 | 113 m | | | J |
| 44093 | 0 | 2 IN | SS40090AE | CESIUM | 7440-46-2 | 238 | 119 m | | | J |
| 44393 | 0 | 2 IN | | CESIUM | 7440-46-2 | 229 | 115 m | | | j - |
| 44593 | 0 | 2 IN | SS40001AE | | 7440-46-2 | 219.9 | 110 m | | | j |
| 44893 | 0 | 2 IN | SS40070AE | | 7440-46-2 | 290 | 145 m | | | J |
| 45693 | 0 | 2 IN | SS40094AE | CESIUM | 7440-46-2 | 500 | 150 m | | | J |
| 45793 | 0 | 2 IN | SS40015AE | CESIUM | 7440-46-2 | 500 | 140 m | | UN | J |
| 46193 | 0; | 2 IN | SS40096AE | CESIUM | 7440-46-2 | 500 | 123 m | | | J |
| 46693 | 4 | 6 IN | SS40141AE | CESIUM | 7440-46-2 | 200 | 11 m | g/kg | Ú | J |
| 46793 | 4 | 6 IN | SS40142AE | | 7440-46-2 | 200 | 11.1 m | g/kg | J | J |
| 46893 | 4 | 6 IN | SS40143AE | | 7440-46-2 | 1000 | 13.8 m | g/kg | U i | J |
| 47093 | 0 | 1 IN | SS40145AE | | 7440-46-2 | 1000 | 13.4 m | | Ü | J |
| 48195 | 0 | 0 FT | AS00001PE | | 7440-46-2 | 13.5 | 13.5 m | YY | | Z |
| 48295 | 0 | 0 FT | | | 7440-46-2 | 13.2 | 13.2 m | | | Z |
| 48395 | 0 | 0 FT | | | 7440-46-2 | 15.4 | 15.4 m | | | Z |
| SS400293 | 0 | 2 IN | | | 7440-46-2 | 284.9 | 142 m | | | J |
| SS400393 | 0 | 2 IN | | | 7440-46-2 | 500 | 106 m | g/kg l | آ (| |
| S\$400593 | 0 | 2 IN | SS40021AE | | 7440-46-2 | 500 | 102 m | | | J |
| SS400693 | 0 | 2 IN | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 7440-46-2 | 500 | 107 mg | | | J |
| SS400793 | 0 | 2 IN | SS40023AE | | 7440-46-2 | 232.5 | 116 mg | | | J |
| SS400893 SS401193 | 0 | 2 IN | SS40024AE | | 7440-46-2 | 261 | 131 mg | | J | |
| SS401193 | 0 | 2 IN | | | 7440-46-2 | 282 | 141 mg | | | |
| S\$401393 | 0 0 | 2 IN | SS40028AE | | 7440-46-2 | 224 | 112:mg | | | J |
| SS401593 | 0 | 2 IN | | | 7440-46-2 | 289.1 | 145 mg | | | |
| SS401693 | 0 | 2 IN | | | 7440-46-2 | 258.7 | 129 mg | | | |
| SS401893 | 0 | 2 IN 2 IN | | | 7440-46-2 | 212 | 106 mg | | | |
| SS402393 | 0 | 2 IN | | | 7440-46-2 | 220 | 110 mg | | | |
| SS402593 | 0 | 2 IN | | ······································ | 7440-46-2 | 231 | 116 mg | | | |
| SS402793 | 0 | 2 IN | | | 7440-46-2 7440-46-2 | 268 | 134 mg | | | |
| SS402893 | ő | 2 IN | | | 7440-46-2 | 500 500 | 106 mg | | | |
| SS402993 | o | 2 IN | | | 7440-46-2 | 500 | 104 mg | | | |
| SS403093 | 0 | 2 IN | | | 7440-46-2 | 500 | 106 mg 247 mg | ~ | | |
| SS403193 | o | 2 IN | | | 7440-46-2 | 500 | 133 mg | | | |
| SS403293 | O | 2 IN | | - | 7440-46-2 | 500 | 155 mg | | | |
| SS403393 | 0 | 2 IN | | | 7440-46-2 | 500 | 145 mg | | | |
| SS403493 | 0 | 2 IN | | | 7440-46-2 | 500 | 120 mg | | | |
| SS403593 | 0 | 2 IN | | | 7440-46-2 | 500 | 114 mg | | | |
| SS403693 | 0 | 2 IN | | | 7440-46-2 | 500 | 122 mg | | | |
| SS606292 | 0 | 2 IN | SS60062WC | | 7440-46-2 | 200 | 1.9 mg | | | |
| SS810893 | 0 | 3 IN | | | 7440-46-2 | 1000 | 2.5 mg | | | |
| SS811193 | O | 3 IN | | | 7440-46-2 | 1000 | 5.8 mg | | | |
| SS811493 | 0 | 3 IN | | | 7440-46-2 | 1000 | 2.8 mc | /ka L | | |
| 05093 | 0 | 2 IN | SS00002AE | CHROMIUM | 7440-47-3 | 10 | 96.1 mg | g/kg | | |
| 05193 | 0 | 2 IN | | | 7440-47-3 | 10 | 12.1 mg | y/kg N | | |
| 05393 | 0 | 2 IN | | CHROMIUM | 7440-47-3 | 10 | 2.2 mg | /kg L | | |
| 40093 | 0 | 2 IN | | | 7440-47-3 | 3 | 10.8 mg | g/kg | i | |
| 40293 | 0 | 2 IN | | | 7440-47-3 | 3 | 11.8 mg | /kg | i\ | |
| 40393 | 0 | 2 IN | | | 7440-47-3 | 3 | 18.7 mg | | 1/ | / |
| 40693 | 0 | 2 IN | | | 7440-47-3 | 10 | 10.8 mg | | - 1/ | |
| 40793 | 0 | 2 IN | | | 7440-47-3 | 10 | 11.5 mg | | ĺ١ | |
| 40893 | 0 | 2 IN | SS40004AE | | 7440-47-3 | 2.4 | 18.6 mg | /kg | | |
| 40993 | 0 | 2 IN | | | 7440-47-3 | 10 | 16.5 mg | | 1/ | |
| 41193 | 0 | 2 IN | | | 7440-47-3 | 4 | 10.7 mg | | 1 | |
| 41293 | 0 | 2 IN | | | 7440-47-3 | 10 | 18.9 mg | | | |
| 41593 | 4 | 6 IN | | | 7440-47-3 | 10 | 120 mg | | | |
| 41693 41793 | 0 | 2 IN | | | 7440-47-3 | 3 | 26 mg | | | |
| | 0 | 2 IN | | | 7440-47-3 | 2 | 37.1 mg | | \ | |
| 41993 42093 | 0 | 2 IN | | | 7440-47-3 | . 2 | 10.3 mg | /kg | | |
| 42193 | 0 | 2 IN | | | 7440-47-3 | 2 | 7.5 mg | | V | |
| 42193 | <u>4</u> ; | 6 IN 2 IN | | | 7440-47-3 | 10 | 17.5 mg | | | |
| 42293 | 0 | 2 IN | | | 7440-47-3 | 10 | 21.2 mg | | | |
| 42593 | 4 | 6 IN | | | 7440-47-3 | 2 | 10.4 mg | | · · | |
| 42693 | 0 | 2 IN | | | 7440-47-3 | 10 | 20.1 mg | | \ | |
| 42993 | 0 | 2 IN | | | 7440-47-3 7440-47-3 | 3 | 10.2 mg | | | |
| 43193 | 0 | 2 IN | | | 7440-47-3 | 2 | 24.2 mg | /kg | <u> \/</u> | |
| | | 41114 | ,COTOGOTAE I | STATE OF THE STATE | 770-41-3 | 2 | 11.6 mg | /kg | !v | <u> </u> |

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals Some in 600 LOCATION DEDTH DEPTH SAMPLE DETECTION LAR RESULT VALIDATION QUALIFIER END UNITS CAS NO LIMIT RESULT UNITS QUALIFIER CODE START NUMBER ANALYTE 43393 6 IN SS40087AE CHROMILIM 7440-47-3 10 32 mg/kg 0 43493 2 IN SS40086AE CHROMIUM 7440-47-3 10 13.2 mg/kg IN IJ 43693 6 IN SS40089AE CHROMIUM 7440-47-3 10 50.2 mg/kg 43793 0 2 IN S\$40088AE CHROMIUM 7440-47-3 26.1 mg/kg N 43893 0 2 IN SS40010AE CHROMIUM 7440-47-3 21.2 mg/kg 43993 0 2 IN SS40091AE CHROMIUM 7440-47-3 4.2 mg/kg ĺΫ 44093 2iIN SS40090AE CHROMIUM 7440-47-3 9.1 mg/kg CHROMIUM 14.1 mg/kg 44393 ō SS40005AF 7440-47-3 44593 2.IN SS40001AE CHROMIUM 7440-47-3 2.2 16.6 mg/kg CHROMIUM 44893 0 2 IN SS40070AE 7440-47-3 16.1 mg/kg ĪV 45693 2 IN SS40094AE CHROMIUM 7440-47-3 10 IV 0 12.4 ma/ka 45793 ō 2 IN SS40015AE CHROMIUM 7440-47-3 10 18.7: mg/kg 46193 SS40096AE CHROMIUM 7440-47-3 14.6 mg/kg v 0 2 IN 10 46693 6 IN SS40141AE CHROMIUM 7440-47-3 51.3 mg/kg 4 2 īV SS40142AE CHROMIUM 46793 6 IN 7440-47-3 4 28.1 mg/kg īv 46893 4 6 IN SS40143AE CHROMIUM 7440-47-3 10 11.5 mg/kg iV 47093 SS40145AF 0 11 IN CHROMIUM 7440-47-3 10 11.7 mg/kg IV 0 AS00001PE CHROMIUM 7440-47-3 48195 0:FT 15.7 mg/kg 7 48295 ō OFT AS00002PF CHROMIUM 7440-47-3 13 mg/kg Z 48395 0 OFT AS00003PE CHROMIUM 7440-47-3 20.6 mg/kg 55400293 n 2IIN ISS40018AF CHROMIUM 7440-47-3 2.8 25.6 mg/kg IV SS400393 n 2 IN :SS40019AE CHROMIUM 7440-47-3 10 25.5 mg/kg īv SS400593 ñ 2 IN SS40021AE CHROMIUM 7440-47-3 10 35.6 mg/kg V SS400693 0 2 IN SS40022AE CHROMIUM 7440-47-3 10 18.9 mg/kg SS400793 0 2 IN SS40023AE CHROMIUM 7440-47-3 2.3 17.7 mg/kg SS400893 0 2 IN SS40024AE CHROMIUM 7440-47-3 12.2 mg/kg SS401193 O 2 IN SS40027AE CHROMIUM 7440-47-3 12.4 mg/kg SS401293 2 IN SS40028AE CHROMIUM 7440-47-3 ō 9.6 mg/kg SS401393 0 2IN SS40029AE CHROMIUM 7440-47-3 2.9 12.3 mg/kg SS401593 SS40031AE CHROMIUM 7440-47-3 Ö 2 IN 2.6 13.6 mg/kg SS401693 7440-47-3 0 2 IN SS40032AE CHROMIUM 2 7.7 mg/kg SS401893 0 SS40034AF CHROMIUM 7440-47-3 46.8 ma/ka SS402393 Õ 2 IN SS40039AE CHROMIUM 7440-47-3 2 5.8 ma/ka V 2 IN SS402593 0 SS40041AE CHROMIUM 7440-47-3 3 9.7 mg/kg IV 2 IN SS402793 CHROMIUM 17.1 mg/kg 0 ISS40043AE 7440-47-3 10 SS402893 0 2 IN SS40044AF CHROMIUM 7440-47-3 10 48.4 mg/kg V 2 IN SS402993 SS40045AE 0 CHROMIUM 7440-47-3 10 19.7 mg/kg īv SS403093 0 2 IN SS40046AE CHROMIUM 7440-47-3 10 48.2 mg/kg iV SS403193 SS40047AF CHROMIUM 7440-47-3 0 21IN 10 23.1 mg/kg īV SS403293 0 2 IN (SS40048AE CHROMIUM 7440-47-3 10 17.9 mg/kg V SS403393 n 2 IN SS40049AF CHROMILIM 7440-47-3 10 22.6 mg/kg 12.5 mg/kg \$\$403493 0 2 IN SS40050AE CHROMIUM 7440-47-3 10 V 2 IN SS403593 O SS40051AE CHROMIUM 7440-47-3 10 9.5 mg/kg 55403693 O 2 IN SS40052AE CHROMIUM 7440-47-3 10 13.1 mg/kg SS606292 0 2 IN SS60062WC CHROMIUM 7440-47-3 5 mg/kg SS620292 O 2 IN SS60202WC CHROMIUM 7440-47-3 0.94 mg/kg 2 J SS810893 0 3 IN SSG0102JE CHROMIUM 7440-47-3 10 5.4 mg/kg \$\$811193 0 3 IN SSG0105JE CHROMIUM 7440-47-3 15 mg/kg 10 \$S811493 0 3 IN ISSG0108JE CHROMIUM 7440-47-3 10 10.4 mg/kg 0 7440-48-4 05093 2 IN SS00002AE COBALT 10 7.1 mg/kg В ĪV COBALT 05193 0 2 IN SS00003AE 7440-48-4 10 6.1 mg/kg B IV 0 2 IN COBALT 05393 SS00005AF 7440-48-4 10 2.2 mg/kg IU IV 40093 0 2 IN SS40060AE COBALT 7.7 mg/kg 7440-48-4 14 B ١V 40293 0 2 IN SS40042AE COBAL 7440-48-4 В 14 9 mg/kg V 40393 SS40053AE COBALT 0 17440-48-4 2:IN 13 9.4 mg/kg IB IV 2 IN 40693 0 ISS40057AF COBALT 7440-48-4 10 4.6 mg/kg B īv 0 SS40058AE 40793 2 IN COBALT 7440-48-4 10 5.3 mg/kg IR !v 40893 O 2 IN SS40004AE COBAL1 7440-48-4 12.1 7.1 mg/kg B īv 40993 0 SS40072AF 2 IN COBAL1 7440-48-4 10 6 mg/kg B į۷ 41193 0 2 IN SS40007AE COBAL 1 7440-48-4 18 8.6 mg/kg B īv 41293 0 2:10 SS40071AF COBALT 7440-48-4 10 5.8 mg/kg B W 41593 COBALT 4 6 IN SS40073AF 7440-48-4 10 5.8 mg/kg В IV 41693 O 10.6 mg/kg 2 IN SS40410AF COBALT 7440-48-4 13 В īv 41793 0 2 IN SS40077AE COBALT 7440-48-4 11 5.9 mg/kg В í۷ 41993 O 2 IN SS40009AE COBALT 7440-48-4 12 4.3 mg/kg В īν 42093 0 2 IN SS40480AF COBALT 7440-48-4 10 2.1 mg/kg 42193 4 6 IN SS40012AE COBALT 7440-48-4 10 В 4.2 mg/kg īV 42293 0 2 IN SS40078AE COBALT 7440-48-4 10 8.8 mg/kg 42393 0 2 IN SS40079AE COBALT 7440-48-4 11 5.9 mg/kg iB IV 42593 4 6 IN SS40082AE COBALT 7440-48-4 10 В īV 4.7 mg/kg COBALT 42693 0 SS40080AE 7440-48-4 2 IN 16 7 ma/ka В 42993 0 SS40056AE COBALT 7440-48-4 2 IN 11 2.3 mg/kg U 43193 0 2 IN SS40084AE COBALT 7440-48-4 11 5.2 mg/kg IV B 43393 6 IN SS40087AF COBALT 7440-48-4 10 5.1 mg/kg B 43493 SS40086AE COBALT 7440-48-4 10 4.4 mg/kg IB IV

21/2

| | · | Table | A.1 - Solar E | vaporation Ponds AOC | - Analytical F | esults for Surfa | ce Soils - | Metals | | |
|------------|--|--------------|---------------|----------------------|---|------------------|---------------------------|----------------|---|--------------|
| | | | | | 6.0000000000000000000000000000000000000 | | | | | |
| 44.0 | | | | | | 1.0 | | 1 | | |
| LOCATION | DEPTH DEP | 7TH. | SAMPLE | | | DETECTION | | 1. | LAB RESULT | VALIDATION |
| CODE | START EN | ID UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 43693 | 4 | 6 IN | SS40089AE | COBALT | 7440-48-4 | 10 | The profession was an age | mg/kg | - my part markey and my party and | V |
| 43793 | 0 | 2 IN | SS40088AE | COBALT | 7440-48-4 | 12 | · | | | V |
| 43893 | Ö | 2 IN | SS40010AE | COBALT | | | | | | |
| | | | | | 7440-48-4 | 12 | | mg/kg | | V |
| 43993 | 0 | 2 IN | SS40091AE | COBALT | 7440-48-4 | 11 | · | mg/kg | | V |
| 44093 | 0 | 2 IN | SS40090AE | COBALT | 7440-48-4 | 12 | | | | V |
| 44393 | - 0! | 2 IN | SS40005AE | COBALT | 7440-48-4 | 11 | 3.5 | mg/kg | В | V |
| 44593 | 0 | 2 IN | SS40001AE | COBALT | 7440-48-4 | 11 | 9.4 | mg/kg | В | V |
| 44893 | 0 | 2 IN | SS40070AE | COBALT | 7440-48-4 | 14 | | | | V |
| 45693 | 0 | 2 IN | SS40094AE | COBALT | 7440-48-4 | 10 | | | | V |
| 45793 | 0 | 2 IN | SS40015AE | COBALT | 7440-48-4 | 10 | | | | v |
| 46193 | 0; | 2 IN | SS40096AE | | | · | | | | |
| | ************************************** | ···· | | COBALT | 7440-48-4 | 10 | | | | ν , |
| 46693 | 4 | 6 IN | SS40141AE | COBALT | 7440-48-4 | 10 | | | | V |
| 46793 | 4 | 6 IN | SS40142AE | COBALT | 7440-48-4 | 10 | 4.7 | mg/kg | | V |
| 46893 | 4 | 6 IN | SS40143AE | COBALT | 7440-48-4 | 50 | 6.4 | mg/kg | В | V |
| 47093 | 0 | 1 IN | SS40145AE | COBALT | 7440-48-4 | 50 | 8.8 | mg/kg | В | V |
| 48195 | 0 | 0:FT | AS00001PE | COBALT | 7440-48-4 | | | | | Z |
| 48295 | 0 | 0 FT | AS00002PE | COBALT | 7440-48-4 | | | | | Z |
| 48395 | 0 | 0 FT | AS00002FE | COBALT | 7440-48-4 | | | | <u>-</u> | Ž |
| | | | | | | 1.5 | | | | |
| SS400293 | 0 | 2 IN | S\$40018AE | COBALT | 7440-48-4 | 14.2 | | | hi | V |
| S\$400393 | . 0 | 2 IN | SS40019AE | COBALT | 7440-48-4 | 10 | | | | V |
| SS400593 | 0 | 2 IN | SS40021AE | COBALT | 7440-48-4 | 10 | | | В | V |
| SS400693 | 0 | 2 IN | SS40022AE | COBALT | 7440-48-4 | 10 | | | | V |
| SS400793 | 0 | 2 IN | SS40023AE | COBALT | 7440-48-4 | 11.6 | | | | V |
| SS400893 | 0 | 2 IN | SS40024AE | COBALT | 7440-48-4 | 13 | | | | v |
| SS401193 | o o | 2 IN | SS40027AE | COBALT | 7440-48-4 | 13 | | | | v · |
| SS401293 | 0 | | SS40027AE | | | | | | | |
| | | | | COBALT | 7440-48-4 | 11.2 | | | | V |
| SS401393 | 0 | | SS40029AE | COBALT | 7440-48-4 | 14.5 | | | | V |
| SS401593 | 0 | 2 IN | SS40031AE | COBALT | 7440-48-4 | 12.9 | | | В | V |
| SS401693 | 0 | 2 IN | SS40032AE | COBALT | 7440-48-4 | 11 | 2.1 | mg/kg | U | V |
| SS401893 | 0 | 2 IN | SS40034AE | COBALT | 7440-48-4 | 11 | 7.2 | mg/kg | В • | V |
| SS402393 | 0 | 2 IN | SS40039AE | COBALT | 7440-48-4 | 12 | | | | V |
| SS402593 | 0 | | SS40041AE | COBALT | 7440-48-4 | 13 | | | | v v |
| SS402793 | Ö | | SS40043AE | COBALT | 7440-48-4 | 10 | | | | v v |
| SS402893 | | 2 IN | | | | | | | | |
| | 0 | | SS40044AE | COBALT | 7440-48-4 | 10 | | | | V |
| SS402993 | 0 | | SS40045AE | COBALT | 7440-48-4 | 10 | | | | V |
| SS403093 | 0 | | SS40046AE | COBALT | 7440-48-4 | 10 | 31 | mg/kg | 1 | V |
| SS403193 | 0 | 2 IN | SS40047AE | COBALT | 7440-48-4 | 10 | 8.7 | mg/kg | В | V |
| SS403293 | 0 | 2 IN | SS40048AE | COBALT | 7440-48-4 | 10 | | | В | V |
| SS403393 | 0 | 2 IN | SS40049AE | COBALT | 7440-48-4 | 10 | | | | <u> </u> |
| SS403493 | 0 | | SS40050AE | COBALT | 7440-48-4 | 10 | | | ***** | j |
| SS403593 | Ö | | SS40050AE | COBALT | | | | | | |
| | | | | | 7440-48-4 | 10 | | | B 1 | |
| SS403693 | 0 | | SS40052AE | COBALT | 7440-48-4 | 10 | | | В | |
| \$\$606292 | 0 | | SS60062WC | COBALT | 7440-48-4 | 10 | 6.5 | mg/kg | В | V |
| SS620292 | 0 | 2 IN | SS60202WC | COBALT | 7440-48-4 | 10 | 5.6 | mg/kg | В | V |
| S\$810893 | 0 | 3 IN | SSG0102JE | COBALT | 7440-48-4 | 50 | 3.2 | mg/kg | В | V |
| SS811193 | 0 | 3 IN | SSG0105JE | COBALT | 7440-48-4 | 50 | | | | V |
| SS811493 | 0 | | SSG0108JE | COBALT | 7440-48-4 | 50 | | | | V |
| 05093 | Ö | | SS00002AE | COPPER | 7440-50-8 | 10 | | mg/kg | <u> </u> | |
| 05193 | 0 | | SS00002AE | COPPER | | | | | | |
| | | | | | 7440-50-8 | 10 | | mg/kg | | <u>v</u> |
| 05393 | 0 | | SS00005AE | COPPER | 7440-50-8 | 10 | | | | V |
| 40093 | 0 | | SS40060AE | COPPER | 7440-50-8 | 7 | | mg/kg | | V |
| 40293 | 0 | | SS40042AE | COPPER | 7440-50-8 | 7 | | mg/kg | | V |
| 40393 | 0 | | SS40053AE | COPPER | 7440-50-8 | 6 | | mg/kg | i' | V |
| 40693 | 0 | 2 IN | SS40057AE | COPPER | 7440-50-8 | 10 | | | В į. | |
| 40793 | 0 | | SS40058AE | COPPER | 7440-50-8 | 10 | | | 8 . | |
| 40893 | o o | | SS40004AE | COPPER | 7440-50-8 | 6 | | mg/kg | | , |
| 40993 | 0 | | SS40004AE | | | | | | | |
| | | | | COPPER | 7440-50-8 | 10 | | mg/kg | | |
| 41193 | 0 | | SS40007AE | COPPER | 7440-50-8 | 9 | | mg/kg | | |
| 4,1293 | 0 | | SS40071AE | COPPER | 7440-50-8 | 10 | 5.9 | mg/kg | В , | |
| 41593 | 4 | 6 IN | SS40073AE | COPPER | 7440-50-8 | 10 | | mg/kg | 1 | |
| 41693 | O | 2 IN | SS40410AE | COPPER | 7440-50-8 | . 7 | | mg/kg | 1 | |
| 41793 | o | | SS40077AE | COPPER | 7440-50-8 | 6 | | mg/kg | | |
| 41993 | 0 | | SS40009AE | COPPER | 7440-50-8 | 6 | | mg/kg | | |
| 42093 | 0, | | SS40480AE | | | | | | | |
| | | | | | 7440-50-8 | 5, | 11.4 | mg/kg | | |
| 42193 | 4 | | SS40012AE | COPPER | 7440-50-8 | 10 | | mg/kg | | |
| 42293 | o | | SS40078AE | | 7440-50-8 | 10 | | mg/kg | <u> </u> | |
| 42393 | 0 | | SS40079AE | COPPER | 7440-50-8 | 5 | 42.7 | mg/kg | 1 | / |
| 42593 | 4 | 6 IN | SS40082AE | COPPER | 7440-50-8 | 10 | | mg/kg | i | |
| 42693 | 0 | | SS40080AE | COPPER | 7440-50-8 | 8 | | mg/kg | | |
| 42993 | 0 | | SS40056AE | | 7440-50-8 | 6 | | mg/kg | | |
| 43193 | 0 | | SS40084AE | COPPER | 7440-50-8 | | | | | |
| 70100 | 4 . | | | | | 6 | | mg/kg | | |
| 43303 | 41 | 6 IN | \$\$40087AE | COPPER | 7440-50-8 | 10 | | mg/kg | | |
| 43393 | | | | 000000 | - 4 4 C | | | | | |
| 43493 | 0 | 2 IN | SS40086AE | | 7440-50-8 | 10 | | mg/kg | | |
| | | 2 IN 6 IN | | | 7440-50-8 7440-50-8 | 10 10 | | mg/kg mg/kg | | |

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals Style. LOCATION DEPTH DEPTH SAMPLE DETECTION LAB RESULT VALIDATION CODE START END UNITS NUMBER ANALYTE CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER SS40010AF 2 IN COPPER 7440-50-8 9.6 mg/kg 43993 2 IN SS40091AE COPPER 7440-50-8 7 ma/ka 44093 O 2 IN SS40090AF COPPER 7440-50-8 6 10.2 mg/kg ŧ۷ 44393 Õ 2 IN SS40005AF COPPER 7440-50-8 12.2 mg/kg V 44593 0 2 IN SS40001AE COPPER 7440-50-8 5.5 14 mg/kg 44893 0 2 IN COPPER SS40070AF 7440-50-8 16 mg/kg ī 45693 0 2 IN SS40094AF COPPER 7440-50-8 10 15.9 mg/kg iV 45793 0 2 IN SS40015AF COPPER 7440-50-8 10 26.9 mg/kg IV 46193 0 2 IN SS40096AF COPPER 7440-50-8 10 15.8 mg/kg IV 46693 4 6 IN SS40141AE COPPER 7440-50-8 5 83.6 mg/kg IJ 46793 4 6 IN SS40142AE COPPER 7440-50-8 88.6 ma/ka IJ 46893 4 6 IN SS40143AE COPPER 7440-50-8 25 15.7 mg/kg īV 47093 O 1 IN SS40145AE COPPER 7440-50-8 25 14.6 mg/kg IV 48195 n OFT AS00001PE COPPER 7440-50-8 9.6 mg/kg 17 48295 O OFT AS00002PE COPPER 7440-50-8 9.7 mg/kg 48395 n 0 FT AS00003PE COPPER 7440-50-8 11.7 mg/kg SS400293 O 2 IN SS40018AE COPPER 7440-50-8 7 1 14.6 mg/kg ĺΫ \$\$400393 0 2 IN SS40019AE COPPER 7440-50-8 10 20.6 mg/kg SS400593 0 2 IN SS40021AE COPPER 7440-50-8 10 38.6 mg/kg V SS400693 0 2 IN SS40022AE COPPER 7440-50-8 10 23 mg/kg 55400793 0 2 IN SS40023AE COPPER 7440-50-8 7.8 mg/kg 5.8 SS400893 O 2 IN COPPER SS40024AE 7440-50-8 11.9 mg/kg SS401193 ō 2 IN SS40027AF COPPER 7440-50-8 7 18.5 mg/kg SS401293 0 2 IN SS40028AE COPPER 7440-50-8 5.6 9.3 mg/kg SS401393 0 2 IN SS40029AE COPPER 7440-50-8 7.2 10.1 mg/kg V SS401593 0 2 IN SS40031AE COPPER 7440-50-8 6.5 11.8 mg/kg ĪV SS401693 2 IN COPPER SS40032AF 7440-50-8 5 10.7 mg/kg V SS401893 0 2 IN SS40034AF COPPER 7440-50-8 14.8 mg/kg 6 ĺ۷ SS402393 2 IN ISS40039AE COPPER 7440-50-8 6 7.9 ma/ka V SS402593 ñ 2 IN SS40041AF COPPER 7440-50-8 14.3 mg/kg SS402793 ō 2 IN SS40043AF COPPER 7440-50-8 71.9 mg/kg 10 SS402893 0 2 IN SS40044AE COPPER 7440-50-8 10 25.1 mg/kg SS402993 0 2 IN SS40045AF COPPER 7440-50-8 10 13.4 mg/kg Īν SS403093 0 2 IN ISS40046AF COPPER 7440-50-8 10 77.5 mg/kg V SS403193 ō 2 IN SS40047AF COPPER 7440-50-8 10 15.8 mg/kg V SS403293 0 2 IN SS40048AF COPPER 7440-50-8 10 15.3 mg/kg IV SS403393 0 2 IN SS40049AF COPPER 7440-50-8 10 18.8 mg/kg IV SS403493 0 2 IN SS40050AF COPPER 7440-50-8 10 18.6 mg/kg IV SS403593 0 2 IN ISS40051AE COPPER 7440-50-8 10 14.3 mg/kg TV SS403693 n 2 IN SS40052AF COPPER 7440-50-8 10 21.8 mg/kg ĪV SS606292 0 2 IN SS60062WC COPPER 7440-50-8 5 11.1 mg/kg W SS620292 Õ 2 IN SS60202WC COPPER 7440-50-8 5 9.8 mg/kg V SS810893 0 3 IN SSG0102JE COPPER 7440-50-8 25 15.4 mg/kg SS811193 0 3 IN SSG0105JE COPPER 7440-50-8 25 8 mg/kg SS811493 0 3 IN SSG0108JE COPPER 7440-50-8 25 16.5 mg/kg 05093 n 2 IN SS00002AE IRON 7439-89-6 20 13800 mg/kg ĪV 05193 0 2 IN SS00003AF IRON 7439-89-6 20 11600 mg/kg 05393 Ö 2 IN SS00005AE IRON 7439-89-6 20 4.4 mg/kg 40093 0 2 IN SS40060AE IRON 15500 mg/kg 7439-89-6 27 40293 n 2 IN SS40042AF IRON 7439-89-6 28 14200 mg/kg 40393 0 SS40053AE 2 IN IRON 7439-89-6 18500 mg/kg 26 40693 O SS40057AE IRON 11800 mg/kg 7439-89-6 20 V 40793 0 2 IN SS40058AE IRON 7439-89-6 11300 mg/kg 20 40893 0 2 IN S\$40004AE IRON 7439-89-6 14000 mg/kg 24.2 ī 40993 0 2 11 SS40072AE IRON 7439-89-6 20 11900 mg/kg IV 41193 0 2 IN SS40007AE IRON 7439-89-6 36 13900 mg/kg V 41293 0 2 IN SS40071AF IRON 7439-89-6 20 10200 mg/kg īv 41593 6:IN SS40073AE IRON 7439-89-6 20 13500 ma/ka IV 41693 0 2 IN ISS40410AE IRON 7439-89-6 27 14000 mg/kg Ë U 41793 0 2 IN ISS40077AF IRON 7439-89-6 23 10700 mg/kg IV 41993 0 2 IN ISS40009AF IRON 7439-89-6 24 11600 mg/kg W 42093 0 2 IN SS40480AF IRON 7439-89-6 21 4130 mg/kg V 42193 6 IN SS40012AE IRON 7439-89-6 20 9480 mg/kg IV 42293 0 2 IN SS40078AE IRON 7439-89-6 20 19200 mg/kg IV 42393 0 2 IN SS40079AF IRON 7439-89-6 21 12900 mg/kg IV 42593 4 6 IN SS40082AE IRON 7439-89-6 20 10100 mg/kg V 42693 0 2 IN SS40080AE IRON 7439-89-6 15600 mg/kg 31 V 42993 0 2 IN SS40056AF IRON 7439-89-6 23 6390 mg/kg 43193 0 2 IN SS40084AE IRON 7439-89-6 22 8180 mg/kg 43393 4 6IIN SS40087AE IRON 7439-89-6 20 11800 mg/kg īV 43493 0 2 IN SS40086AE IRON 7439-89-6 20 8580 mg/kg V 43693 4 6IN SS40089AE IRON 7439-89-6 20 10500 mg/kg V 43793 0 2 IN SS40088AE IRON 7439-89-6 23 10400 mg/kg Ē IJ 43893 0 2 IN SS40010AE IRON 7439-89-6 24 19100 mg/kg 43993 0 2 IN SS40091AE IRON 7439-89-6 23 4950 mg/kg

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals 4 . . . LOCATION DEPTH DEPTH DETECTION VALIDATION SAMPLE LAR RESULT START END UNITS NUMBER LIMIT, QUALIFIER CODE ANALYTE CAS NO RESULT UNITS QUALIFIER 44093 2.IN SS40090AF IRON 7439-89-6 10500 mg/kg 44393 0 2 IN SS40005AE IIRON 7439-89-6 23 10500 mg/kg 44593 0 2 IN ISS40001AF IRON 7439-89-6 22 15200 mg/kg N 44893 0 2 IN SS40070AE IRON 7439-89-6 29 17600 mg/kg īV īV 45693 O 2 IN SS40094AE IRON 7439-89-6 20 12000 mg/kg 45793 0 2 IN SS40015AE IRON 7439-89-6 20 17300 mg/kg 11/ 15700 mg/kg 46193 0 2 IN SS40096AE IRON 7439-89-6 20 īV 12500 mg/kg 46693 4 6 IN SS40141AE IRON 7439-89-6 20 12400 mg/kg 46793 4 6 IN SS40142AE IRON 7439-89-6 20 46893 4 6 IN SS40143AE IRON 7439-89-6 100 12700 mg/kg 47093 0 SS40145AE 1 IN IRON 7439-89-6 100 13400 mg/kg 48195 0 OFT AS00001PE IRON 7439-89-6 11100 mg/kg 48295 0 F AS00002PE IRON 7439-89-6 8710 mg/kg 48395 0 0 F1 AS00003PE IRON 7439-89-6 12200 mg/kg Z SS400293 0 2 IN SS40018AE IRON 7439-89-6 18300 mg/kg 28.5 SS400393 0 2| IN SS40019AE IRON 7439-89-6 14100 ma/ka ίV 20 SS400593 0 2 IN SS40021AE IRON 11300 mg/kg 7439-89-6 20 ١v SS400693 0 2 IN SS40022AE IRON 7439-89-6 10600 mg/kg 20 IV SS400793 0 2 IN ISS40023AE IRON 7439-89-6 23.3 14000 mg/kg IV SS400893 0 2 IN SS40024AE IRON 7439-89-6 26 11000 mg/kg IV SS401193 0 SS40027AE IRON 2| IN 7439-89-6 28 16200 mg/kg IV 0 SS401293 2 IN SS40028AE IRON 7439-89-6 22.4 10400 mg/kg īv SS401393 14700 mg/kg 0 2 IN ISS40029AF IIRON 7439-89-6 28.9 IV ISS401593 0 2: IN SS40031AE IRON 7439-89-6 25.9 13300 mg/kg V SS401693 O 2 IN SS40032AE IRON 7439-89-6 21 4010 mg/kg IV ISS401893 0 2 IN SS40034AE IRON 7439-89-6 22 8450 mg/kg TV 55402393 0 2 IN SS40039AE IRON 7439-89-6 23 5280 mg/kg ĪV 13300<u>i mg/kg</u> SS402593 O 2 IN SS40041AE IRON 7439-89-6 27 11400 mg/kg SS402793 0 2 IN SS40043AE IRON 7439-89-6 V 20 SS402893 0 2 IN SS40044AE IRON 7439-89-6 20 12100 mg/kg SS402993 0 SS40045AE 13900 mg/kg 2IN IRON 7439-89-6 20 SS403093 ISS40046AE 2 IN IRON 7439-89-6 20 20000 mg/kg S\$403193 0 2 IN SS40047AE IRON 7439-89-6 20 19000 mg/kg İν S\$403293 0 2 IN ISS40048AE IRON 7439-89-6 15100 mg/kg 20 IV SS403393 0 2 IN SS40049AE IRON 7439-89-6 20 19500 mg/kg V SS403493 2 IN SS40050AE IRON 7439-89-6 16900 mg/kg Ī 20 SS403593 0 2 IN SS40051AE IRON 12300 mg/kg 7439-89-6 20 īv SS403693 2 IN SS40052AE IRON 7439-89-6 27900 mg/kg 20 IV SS606292 0 2 IN SS60062WC IRON 7439-89-6 20 11500 mg/kg IV SS620292 0 2 IN SS60202W0 IRON 7439-89-6 20 9090 mg/kg IV SS810893 0 3 IN ISSG0102JE IRON 17439-89-6 100 7910) mg/kg IV SS811193 0 3 IN SSG0105JF IRON 7439-89-6 100 4790 mg/kg īV SS811493 Oi 3 IN SSG0108JE IRON 7439-89-6 100 13700 mg/kg īV 05093 O 2 IN SS00002AF ILEAD 7439-92-1 2 29 mg/kg N J :05193 0 2 IN SS00003AE ILEAD 7439-92-1 9 mg/kg !N S05393 0. 2IIN SS00005AF ILEAD 7439-92-1 22.6 mg/kg SN 40093 n 2 IN SS40060AF LEAD 7439-92-1 1 14.6 mg/kg J 40293 0 2 IN SS40042AE LEAD 7439-92-1 1 11.3 mg/kg SN IJ 40393 ō 2 IN SS40053AE ILEAD 7439-92-1 1 20.4 mg/kg 40693 0 2 IN SS40057AE LEAD 32.9 mg/kg 7439-92-1 40793 O 2 IN SS40058AE LEAD V 7439-92-1 25.5 mg/kg 40893 0 2 IN SS40004AE LEAD 7439-92-1 1.2 15.2 mg/kg 40993 2:IN SS40072AE ō LEAD 7439-92-1 12.9 mg/kg S 41193 0 2 IN SS40007AE LEAD 7439-92-1 24.9 mg/kg 41293 ō 2 IN SS40071AE LEAD 7439-92-1 S 27 mg/kg 41593 4 6 IN SS40073AE ILEAD 7439-92-1 15.4 mg/kg 2 N J 41693 2 IN SS40410AE LEAD 7439-92-1 1 16.4 mg/kg IV 41793 0 SS40077AE 2 IN ILEAD 7439-92-1 1 19.7 mg/kg J 41993 0 2 IN SS40009AE LEAD 7439-92-1 1 5.9 mg/kg ĪN 42093 Ö 2 IN SS40480AE LEAD i7439-92-1 11 3.8 mg/kg !N 42193 6 IN SS40012AF ILEAD 4 7439-92-1 2 7.5 mg/kg S V 42293 0 2 IN SS40078AE ILEAD 7439-92-1 2 7.7 mg/kg N IJ 42393 0 2 IN SS40079AE LEAD 7439-92-1 1 14 mg/kg SN 42593 4 6 IN ISS40082AF HEAD 7439-92-1 6.3 mg/kg V ILEAD 42693 0 2 IN SS40080AE 7439-92-1 15.2 mg/kg O N 42993 2 IN SS40056AF LEAD 7439-92-1 1 7.5 mg/kg IJ LEAD 43193 0 2 IN SS40084AF 7439-92-1 1 11.4 mg/kg J 43393 4 6 IN SS40087AE LEAD 7439-92-1 2 S īν 8.4 mg/kg 0 4.3 mg/kg 43493 2 IN SS40086AE LEAD 7439-92-1 IN 43693 4 6 IN SS40089AE LEAD 7439-92-1 9.4 mg/kg IS LEAD 10.7 mg/kg 43793 0 2 IN SS40088AE 7439-92-1 0.5 ٧ 43893 0 2 IN SS40010AE LEAD 7439-92-1 14.2 mg/kg 43993 0 2 IN SS40091AE LEAD . 7439-92-1 7.7; mg/kg IJ 44093 0 2IIN SS40090AE LEAD 7439-92-1 7.9 mg/kg 44393 2 IN SS40005AE LEAD 7439-92-1 SN IJ

1

72.4 mg/kg

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals 3.4 LOCATION DEPTH DEPTH. SAMPLE DETECTION VALIDATION AB RESULT ANALYTE CODE START END UNITS NUMBER CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER 44593 SS40001AE LEAD 7439-92-1 2:IN 12.5 mg/kg LEAD 44893 SS40070AE 15.1 mg/kg 0 2 IN 7439-92-1 N 45693 2 IN SS40094AE LEAD 0 7439-92-1 24.2 mg/kg ٠V SS40015AE LEAD 45793 0 2:IN 7439-92-1 34.2 mg/kg ŧ۷ 46193 ILEAD 2 IN SS40096AF 7439-92-1 IN 0 30.1 mg/kg 46693 6! IN ISS40141AF ILEAD 7439-92-1 9 mg/kg 46793 4 6 IN ISS40142AF ILEAD 7439-92-1 1. 13.6 mg/kg IJ 46893 4 6 IN ISS40143AF LEAD 7439-92-1 3 6.4 mg/kg i۷ 47093 0 1: IN SS40145AE LEAD 7439-92-1 3 4.4 mg/kg ī 48195 O OFT AS00001PE LEAD 7439-92-1 0.81 5.7_img/kg 7 48295 0 OFT AS00002PE LEAD 7439-92-1 0.81 4.6 mg/kg 48395 ī 0.FT AS00003PE LEAD 7439-92-1 0.81 Z 7.9 mg/kg SS400293 0 2 IN SS40018AE LEAD 7439-92-1 25.5 mg/kg SS400393 0 2 IN SS40019AE LEAD 7439-92-1 20.1 mg/kg īV SS400593 0 SS40021AE LEAD 2IIN 7439-92-1 19.8 mg/kg SS400693 0 2 IN SS40022AE LEAD 28.9 mg/kg 7439-92-1 īV SS400793 SS40023AE 13.4 mg/kg 0 2 IN LEAD 7439-92-1 ĪV 1.2 SS400893 0 2 IN SS40024AE LEAD 7439-92-1 15.9 mg/kg N' J 7439-92-1 SS401193 2 IN SS40027AE LEAD N. 21.5 mg/kg IJ SS401293 0 2 IN SS40028AE LEAD 7439-92-1 1.1 3.6 ma/ka ŧ٧ SS401393 0 2 IN S\$40029AE LEAD 7439-92-1 12.9 mg/kg 1.4 IV SS401593 0 2 IN SS40031AE LEAD 7439-92-1 18.1 mg/kg 1.3 IV SS401693 Ō 2 IN ISS40032AE LEAD N. 7439-92-1 1 2.8 mg/kg SS401893 O 2 IN SS40034AE LEAD 7439-92-1 1 N. 121 mg/kg IJ SS402393 SS40039AE 0: 2 IN LEAD 7439-92-1 1 6.2 mg/kg N. SS402593 0 2 IN SS40041AF ILEAD 7439-92-1 1 10.4 mg/kg N* **9S402793** 0 2 IN SS40043AE ILEAD 17439-92-1 2 14.8 mg/kg īV SS402893 0 2 IN SS40044AE LEAD 7439-92-1 48.9 mg/kg V 19.4 mg/kg SS402993 01 2 IN SS40045AF LEAD 7439-92-1 SS403093 0 2 IN ISS40046AE LEAD 7439-92-1 36 mg/kg 21.7 mg/kg SS403193 0 2 IN SS40047AE LEAD 7439-92-1 ISS403293 0 2 IN SS40048AE LEAD 7439-92-1 18.2 mg/kg SS403393 0 2 IN S\$40049AE LEAD 7439-92-1 22.3 mg/kg SS403493 0 2 IN SS40050AE LEAD 7439-92-1 20 ma/ka \$\$403593 0 2 IN SS40051AE ILEAD 7439-92-1 22.5 mg/kg īV SS403693 0 2 IN SS40052AE 7439-92-1 19.4 ma/ka SS606292 0 2 IN SS60062WC LEAD 7439-92-1 11 IV 15; mg/kg SS810893 0 3 IN SSG0102JE LEAD 7439-92-1 3 8.1 mg/kg IV SS811193 0 3 IN SSG0105JE LEAD 7439-92-1 52.1 mg/kg IV SS811493 0 ISSG0108JE LEAD 7439-92-1 3 20 mg/kg į٧ 05093 0 2 IN SS00002AE LITHIUM 7439-93-2 10 26.6 mg/kg IJ 05193 0 2 IN SS00003AE LITHIUM 7439-93-2 10 13.4 mg/kg B IJ 05393 OI SS00005AE LITHIUM 2 IN 7439-93-2 10 2.2 mg/kg 111 J 40093 ISS40060AE 0 2 IN LITHIUM 7439-93-2 27 5.9 mg/kg IB 40293 0 2 IN SS40042AF 7439-93-2 LITHILIM 28 4.8 mg/kg IB 40393 0: 2 IN ISS40053AE LITHILIM 7439-93-2 26 11.3 mg/kg ΪB IJ 40693 O: 2 IN SS40057AF MUHTILL 7439-93-2 10 10.8 mg/kg B 40793 0 2 IN SS40058AE HITHIUM 7439-93-2 10 6.4 mg/kg В 40893 0 2 IN SS40004AF LITHIUM 7439-93-2 24.2 10.8 mg/kg В 40993 0 2|IN SS40072AE LITHIUM 7439-93-2 10 10 mg/kg B IJ 141193 0 2 IN SS40007AE LITHIUM 7439-93-2 36 В 7.8 mg/kg 41293 0 2 IN SS40071AE LITHIUM 7439-93-2 10 6.8 mg/kg В ĴĴ 41593 4 6 IN SS40073AE LITHIUM 7439-93-2 10 24.8 ma/ka 41693 0 SS40410AE В 2 IN LITHIUM 7439-93-2 14.7 mg/kg IJ SS40077AE 41793 0 2 IN LITHIUM 7439-93-2 23 12.7 mg/kg B L 41993 0 2 IN SS40009AE LITHIUM 7439-93-2 24 5.9 mg/kg ĬĴ IB 42093 SS40480AE LITHIUM 7439-93-2 2.1 mg/kg 21 lu i.i 42193 4 6! IN SS40012AE LITHIUM 7439-93-2 12.1 mg/kg 10 B IJ 42293 0 2 IN SS40078AE LITHIUM 7439-93-2 10 17.5 mg/kg В IJ 42393 0 2 IN SS40079AE 7439-93-2 LITHIUM 21 6 mg/kg B l.i 42593 6 IN SS40082AE LITHIUM 7439-93-2 10.6 mg/kg 10 IB 42693 0 2 IN SS40080AE LITHIUM 7439-93-2 31 4.6 mg/kg B 0 SS40056AE 42993 2 IN LITHIUM 7439-93-2 23 4.6 mg/kg В J 43193 0 2 IN SS40084AE II ITHIUM 7439-93-2 22 7.5 mg/kg В IJ 19.3 mg/kg SS40087AF 7439-93-2 43393 4 6 IN LITHIUM 10 В IJ 43493 0 2:IN SS40086AF LITHIUM 7439-93-2 10 9.5 mg/kg В 43693 22.2 mg/kg 4 6 IN SS40089AE LITHIUM 7439-93-2 10 V 43793 0 2 IN SS40088AE LITHIUM 7439-93-2 23 13.6 mg/kg В 43893 0 2 IN SS40010AE LITHIUM 7439-93-2 24 10 mg/kg В 43993 0 2 IN SS40091AE LITHIUM 7439-93-2 23 2.9 mg/kg 44093 LITHIUM 0 2 IN SS40090AE 7439-93-2 24 8.1 mg/kg В 44393 0 2 IN SS40005AE LITHIUM 7439-93-2 23 6.2 mg/kg 44593 0 2 IN SS40001AE LITHIUM 7439-93-2 22 10.4 mg/kg ΪB

246

44893

45693

0

O

2 IN

2 IN

SS40070AE

SS40094AE

LITHIUM

LITHIUM

7439-93-2

7439-93-2

8.6 ma/ka

12.2 mg/kg

IB

IB

J

IJ

| (45 - 34 K) | 223664 | | lable | A.1 - Solar Eva | Book " | - Analyucai K | 6 A - 28 3 8 | | Metals | G | 742 Marie 12 12 |
|----------------------|----------------|-----------------------|----------|---|-----------|------------------------|------------------|--------|------------------|-------------------------------------|-----------------|
| COATION | DCOT! | D-07. | | SAMPLE | SA VIVEUS | | | | | 1883 | |
| LOCATION | DEPTH START | DEPTH. | UNITS | NUMBER | ANALYTE | CAS NO. | DETECTION | PECHIT | UNITS | QUALIFIER | VALIDATION |
| 45793 | 0 | | IN | | LITHIUM | 7439-93-2 | 10 | | mg/kg | interior of the same of the same of | J |
| 46193 | 0 | | IN | | LITHIUM | 7439-93-2 | 10 | | | | J |
| 46693 | 4 | | | | | 7439-93-2 | 20 | 46.3 | mg/kg | | J |
| 46793 | 4 | | IN | | | 7439-93-2 | 20 | · | mg/kg | | J |
| 46893 47093 | 4 | | | | | 7439-93-2 7439-93-2 | 100 | | | | J |
| 48195 | 0 | | | | | 7439-93-2 | 1 100 | | mg/kg mg/kg | !B | J Z |
| 48295 | 0 | | | | LITHIUM | 7439-93-2 | | | | В | Z |
| 48395 | 0 | | | | | 7439-93-2 | i | 13.1 | mg/kg | В | Z |
| SS400293 SS400393 | 0 | | | | | 7439-93-2 | 28.5 | | | | V |
| SS400393 SS400593 | 0 | | IN IN | | | 7439-93-2 7439-93-2 | 10 | | | | J |
| SS400693 | 0 | | | | | 7439-93-2 | 10 | | | | j |
| SS400793 | 0 | | IN | SS40023AE | LITHIUM | 7439-93-2 | 23.3 | | | | V |
| SS400893 | 0 | · | | | | 7439-93-2 | 26 | | | | J |
| SS401193 SS401293 | · 0 | | | | | 7439-93-2 | 28 | | | | J |
| SS401293 | 0 | | | SS40028AE SS40029AE | | 7439-93-2 7439-93-2 | 22.4 28.9 | | | | V |
| SS401593 | 0 | ···· | | | | 7439-93-2 | 25.9 | | | | V |
| SS401693 | 0 | 2 | IN | SS40032AE | LITHIUM | 7439-93-2 | 21 | | | | j |
| SS401893 | 0 | | | | | 7439-93-2 | 22 | 6 | mg/kg | В | J |
| SS402393 SS402593 | 0 0 | ****************** | | | | 7439-93-2 | 23 | | | В | J. |
| SS402593 SS402793 | 0 | | | *************************************** | | 7439-93-2 7439-93-2 | 27 10 | | | В В | J J |
| SS402893 | 0 | | | | | 7439-93-2 | 10 | | | | J |
| SS402993 | 0 | 2 | IN | SS40045AE | LITHIUM | 7439-93-2 | 10 | | | | j |
| SS403093 | 0 | | | | | 7439-93-2 | 10 | | | | J |
| SS403193 SS403293 | 0 0 | | | | | 7439-93-2 | 10 | | | | <u>J</u> |
| S\$403393 | 0 | ~ | | | | 7439-93-2 7439-93-2 | 10 10 | | | | J J |
| SS403493 | 0 | | | | | 7439-93-2 | 10 | | | | J |
| SS403593 | 0 | | | | LITHIUM | 7439-93-2 | 10 | | rng/kg | В | J |
| SS403693 | 0 | | | | | 7439-93-2 | 10 | | | | J |
| SS606292 SS620292 | 0 | | | | | 7439-93-2 | 20 | | | | j |
| SS810893 | 0 | | | | | 7439-93-2 7439-93-2 | 20 100 | 4.3 | | | J V |
| SS811193 | 0 | | | | | 7439-93-2 | 100 | | | | J |
| SS811493 | 0 | | | | LITHIUM | 7439-93-2 | 100 [:] | 7.4 | mg/kg | | v v |
| 05093 | 0 | | | | | 7439-95-4 | 1000 | 3470 | mg/kg | | V |
| 05193 05393 | 0 | | | | | 7439-95-4 7439-95-4 | 1000 | 3960 | mg/kg | | <u>V</u> |
| 40093 | 0 | | | | | 7439-95-4 | 1372 | 2750 | mg/kg mg/kg | | V V |
| 40293 | 0 | | | | | 7439-95-4 | 2829 | 2160 | mg/kg | | <u>v</u> . |
| 40393 | 0 | | | | | 7439-95-4 | 1295 | 3270 | mg/kg | | V |
| 40693 40793 | 0 | | | | | 7439-95-4 | 1000 | 3020 | mg/kg | | V |
| 40893 | 0 | | | | | 7439-95-4 7439-95-4 | 1000 2415.5 | 2260 | mg/kg mg/kg | | <u>v</u> v |
| 40993 | 0 | ********************* | | | | 7439-95-4 | 1000 | 2940 | mg/kg | | <u>v</u> V |
| 41193 | 0 | 2 | | | | 7439-95-4 | 1802 | | mg/kg | | v · |
| 41293 | 0 | 2 | | | | 7439-95-4 | 1000 | 1880 | mg/kg | | v . |
| 41593 | 4 | | | | | 7439-95-4 | 1000 | | mg/kg | | v |
| 41693 | 0 | 2 | | | | 7439-95-4 7439-95-4 | 1337 1138 | | mg/kg mg/kg | | J V |
| 41993 | Ö | | | | | 7439-95-4 | 1192 | | mg/kg mg/kg | | <u>v</u> V |
| 42093 | 0 | 2 | IN | SS40480AE | MAGNESIUM | 7439-95-4 | 1030 | | | | v |
| 42193 | 4 | 6 | | | | 7439-95-4 | 1000 | 2090 | mg/kg | | V |
| 42293 42393 | 0 | 2 | | | | 7439-95-4 | 1000 | 4220 | mg/kg | | v. |
| 42593 42593 | 4 | 6 | | ······································ | | 7439-95-4 7439-95-4 | 2141 1000 | 3590 | mg/kg mg/kg | | V |
| 42693 | 0 | 2 | | | | 7439-95-4 | 1550 | | mg/kg | | <u>v</u> |
| 42993 | 0 | 2 | IN | SS40056AE | MAGNESIUM | 7439-95-4 | 2281 | 1310 | mg/kg | 1 | V |
| 43193 | 0 | 2 | | | | 7439-95-4 | 1101 | 1760 | mg/kg | 1 | V |
| 43393 43493 | 4 0 | 6 2 | | | | 7439-95-4 7439-95-4 | 1000 | | mg/kg | ! | |
| 43693 | 4 | 6 | | | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | <u>v</u> |
| 43793 | 0 | 2 | IN] | | | 7439-95-4 | 1167 | | mg/kg | | |
| 43898 | 0 | 2 | IN | SS40010AE | MAGNESIUM | 7439-95-4 | 1182 | 2890 | mg/kg | ļ | V |
| 43993 | 0 | 2:1 | | | | 7439-95-4 | 1130 | | mg/kg | | |
| 44093 44393 | 0 | 2 | | | | 7439-95-4 7439-95-4 | 1192 2294 | | mg/kg | [1 | |
| 44593 | 0 | 2 1 | | | | 7439-95-4 | 2199.5 | | mg/kg mg/kg | , | |
| 44893 | 0 | 2 | N i | | | 7439-95-4 | 1449 | | mg/kg | | |
| 45693 | 0 | 2 1 | | SS40094AE | MAGNESIUM | 7439-95-4 | 1000 | 3000 | mg/kg | i | / |
| 45793 | 0 | 2 1 | | | | 7439-95-4 | 1000 | | mg/kg | | / |
| 6193 | 0; | 2 | in 1 | SS40096AE ! | MAGNESIUM | 7439-95-4 | 1000 | 3540 | mg/kg | | / |



Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals . 3 LOCATION DEPTH DEPTH DETECTION AB RESULT VALIDATION SAMPLE UNITS NUMBER CODE START END **ANALYTE** CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER SS40141AE MAGNESIUM 1000 2290 mg/kg 6:IN 7439-95-4 46793 6 IN SS40142AE MAGNESIUM 7439-95-4 2180 mg/kg 4 1000 MAGNESIUM 46893 6 IN SS40143AE 7439-95-4 2530 mg/kg 5000 0 SS40145AE 47093 MAGNESIUM 7439-95-4 2580 mg/kg 1:IN 5000 OFT 48195 MAGNESIUM 7439-95-4 2410 mg/kg ! Z 0 AS00001PE MAGNESIUM AS00002PF 48295 0 0 FT 7439-95-4 2180 mg/kg 0 MAGNESIUM 148395 0 FT 1AS00003PE 7439-95-4 2750 mg/kg Z SS400293 2848 6 0 2IIN SS40018AF MAGNESIUM 7439-95-4 2690 mg/kg ISS400393 0 2 IN ISS40019AE MAGNESIUM 7439-95-4 1000 3050 mg/kg IV 2140 mg/kg SS400593 0 2 IN ISS40021AF MAGNESIUM 7439-95-4 1000 īv SS400693 0 2 IN SS40022AE MAGNESIUM 7439-95-4 1000 2600 mg/kg īV SS400793 0 2 IN SS40023AE MAGNESIUM 7439-95-4 2325.3 5110 mg/kg V SS400893 0 2 IN SS40024AE MAGNESIUM 7439-95-4 1305 2090 mg/kg īν SS401193 0 2 IN SS40027AE MAGNESIUM 7439-95-4 1408 3250 mg/kg ĪV SS401293 0 2 IN SS40028AE MAGNESIUM 7439-95-4 2240.1 2400 mg/kg īv 2930 mg/kg SS401393 0 2|IN SS40029AE MAGNESIUM 7439-95-4 2890.6 SS401593 0 2 IN SS40031AE MAGNESIUM 7439-95-4 2587.3 2490 mg/kg SS401693 0 SS40032AE MAGNESIUM В 2 IN 7439-95-4 1062 827 mg/kg SS401893 0 2 IN SS40034AE MAGNESIUM 7439-95-4 1101 1560 mg/kg SS402393 0 2 IN SS40039AE MAGNESIUM 7439-95-4 1157 1010 mg/kg SS402593 0 SS40041AE MAGNESIUM 7439-95-4 1342 2300 mg/kg SS402793 0 2 IN SS40043AE MAGNESIUM 7439-95-4 IV 1000 2390 ma/ka SS402893 0 SS40044AE MAGNESIUM 2750 mg/kg 2 IN 7439-95-4 1000 IV 2 IN MAGNESIUM 7439-95-4 SS#02993 0 SS40045AE 1000 3910 ma/ka īv SS403093 0 SS40046AE MAGNESIUM 6500 mg/kg 2 IN 7439-95-4 1000 IV SS403193 O 2 IN SS40047AE MAGNESIUM 7439-95-4 1000 3970 mg/kg IV SS403293 0 2 IN SS40048AE MAGNESIUM 7439-95-4 1000 3310 mg/kg IV SS403393 0 SS40049AF MAGNESIUM 2 IN 7439-95-4 1000 3940 mg/kg īv SS403493 Oi 2 IN SS40050AE MAGNESIUM 17439-95-4 1000 2580 mg/kg IV SS403593 0 2 IN SS40051AE MAGNESIUM 7439-95-4 1000 2290 mg/kg īv SS403693 0 2 IN SS40052AE MAGNESIUM 17439-95-4 1000 3010] mg/kg IV SS606292 0 2IIN SS60062WC MAGNESIUM 7439-95-4 .1000 1660 mg/kg īV 0 1180 mg/kg SS620292 2 IN SS60202WC MAGNESIUM 7439-95-4 1000 В IV SS810893 O 3IIN SSG0102JE MAGNESIUM 7439-95-4 5000 1630 mg/kg īV SS811193 0 3 IN SSG0105JE MAGNESIUM 7439-95-4 5000 628 mg/kg B SS811493 0 3 IN SSG0108JE MAGNESIUM 7439-95-4 5000 IV 2190 mg/kg 05093 0 SS00002AE MANGANESE 7439-96-5 10 N 2 IN 208 mg/kg 05193 ō SS00003AE MANGANESE 2 IN 7439-96-5 10 150 mg/kg 0 2.2 mg/kg UN 05393 2 IN SS00005AE MANGANESE 7439-96-5 10 251 mg/kg 40093 0 2 IN SS40060AE MANGANESE 7439-96-5 4 40293 ō 2 IN SS40042AE MANGANESE 7439-96-5 4 308 mg/kg N IJ 40393 0 2 IN SS40053AE MANGANESE 7439-96-5 EN' 4 329 ma/ka IJ 7439-96-5 40693 0 2 IN S\$40057AE MANGANESE 10 293 mg/kg IV 40793 MANGANESE 0 SS40058AE 7439-96-5 245 mg/kg 2 IN 10 IV 40893 0 SS40004AE MANGANESE 7439-96-5 J 2 IN 3.6 221 mg/kg SS40072AE 0 MANGANESE 7439-96-5 40993 2IIN 10 185 mg/kg IV EN* 41193 0 2 IN SS40007AE MANGANESE 7439-96-5 5 272 mg/kg L 41293 0 SS40071AE MANGANESE iv 2 IN 7439-96-5 10 226 mg/kg 41593 4 6 IN ISS40073AE MANGANESE 7439-96-5 10 110 mg/kg IV 0 41693 2 IN SS40410AF MANGANESE 7439-96-5 4 150 mg/kg IJ EN' 41793 0 2 IN SS40077AF MANGANESE 7439-96-5 3 156 mg/kg IJ 41993 0 2 IN SS40009AF MANGANESE 7439-96-5 4 185 mg/kg IJ 42093 0 2 IN SS40480AE MANGANESE 7439-96-5 3 58.1 mg/kg 42193 4 6 IN SS40012AE MANGANESE 7439-96-5 10 108 mg/kg IV 42293 0 2 IN SS40078AE MANGANESE 7439-96-5 V 10 240 mg/kg 42393 0 2 IN SS40079AE MANGANESE 7439-96-5 N 295 mg/kg 42593 4 SS40082AE MANGANESE īv 6 IN 7439-96-5 10 154 mg/kg 0 SS40080AE MANGANESE 42693 2 IN 7439-96-5 5 227 mg/kg EN' J 42993 0 2IIN SS40056AE MANGANESE 7439-96-5 109 mg/kg MANGANESE EN. 43193 0 2 IN SS40084AE 7439-96-5 158 mg/kg 43393 6 IN SS40087AE MANGANESE 7439-96-5 10 126 ma/ka īv 43493 0 2 IN SS40086AE MANGANESE 7439-96-5 10 īV 110 mg/kg SS40089AE 43693 6 IN MANGANESE 7439-96-5 10 98.4 mg/kg īv MANGANESE 43793 0 ISS40088AE 7439-96-5 2 IN 130 mg/kg ij 4 2 IN 43893 0 SS40010AE MANGANESE 7439-96-5 EN' 238 mg/kg 4 IJ 43993 0 2 IN SS40091AE MANGANESE 7439-96-5 3 EN' 116 mg/kg ij 44093 MANGANESE 0 2 IN SS40090AE 7439-96-5 4 161 mg/kg IEN' IJ 7439-96-5 44393 0 MANGANESE 2 IN SS40005AE 125 mg/kg N ij 3 44593 Oi 2 IN SS40001AE MANGANESE 7439-96-5 3.3 155 mg/kg Li 44893 ISS40070AF MANGANESE ٥ 2 IN 7439-96-5 261 mg/kg Li 45693 0 SS40094AE MANGANESE 2 IN 7439-96-5 10 120 mg/kg IV 45793 0 MANGANESE 2! IN ISS40015AF 7439-96-5 10 290 mg/kg IV 46193 O 2 IN SS40096AE MANGANESE 7439-96-5 10 285 mg/kg Ν. IJ 46693 4 6 IN SS40141AE MANGANESE 7439-96-5 94.6 mg/kg ĪV

241

46793

6 IN

SS40142AE

MANGANESE

7439-96-5

3

97.9 mg/kg

īV

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals 1 3 LOCATION DEPTH DEPTH SAMPLE DETECTION LAB RESULT VALIDATION CODE START QUALIFIER END UNITS NUMBER ANALYTE CAS NO. LIMIT RESULT UNITS QUALIFIER 46893 6 IN MANGANESE SS40143AE 7439-96-5 15 185 mg/kg 47093 1 IN SS40145AE MANGANESE 7439-96-5 15 212 mg/kg IV 7439-96-5 48195 ō OF AS00001PE MANGANESE 149 mg/kg 48295 OFT n AS00002PF MANGANESE 17439-96-5 N 127 mg/kg OFT 48395 0 AS00003PE MANGANESE 7439-96-5 162 mg/kg IN SS400293 0 2:IN SS40018AF MANGANESE 7439-96-5 43 510 mg/kg Ĵ SS400393 0 2 IN SS40019AF MANGANESE 7439-96-5 10 240 mg/kg IV SS400593 O 2 IN SS40021AF MANGANESE 7439-96-5 10 117 mg/kg TV \$\$400693 197 mg/kg 0 2 IN SS40022AF MANGANESE 7439-96-5 10 IV SS400793 0 2 IN SS40023A8 MANGANESE 7439-96-5 174 mg/kg 3.5 IJ \$\$400893 n 2 IN SS40024AE MANGANESE 7439-96-5 223 mg/kg SS401193 O 2 IN SS40027AF MANGANESE 7439-96-5 4 252 mg/kg IN 1.1 SS401293 0 2 IN S\$40028AE MANGANESE 7439-96-5 3.4 182 mg/kg SS401393 n 2 IN SS40029AE MANGANESE 7439-96-5 4.3 216 mg/kg IJ 99401503 ñ 2 IN SS40031AE MANGANESE 7439-96-5 3.9 212 mg/kg IJ S\$401693 0 2 IN SS40032AE MANGANESE 7439-96-5 3 67.6 mg/kg N IJ SS401893 ñ 2 IN SS40034AE MANGANESE 7439-96-5 113 ma/ka N L SS402393 n 2 IN SS40039AE MANGANESE 7439-96-5 76.5 mg/kg N ij SS402593 0 2 IN SS40041AE MANGANESE 7439-96-5 268 mg/kg 4 N IJ SS402793 0 2 IN SS40043AE MANGANESE 7439-96-5 10 248 mg/kg IV SS402893 0 2 IN SS40044AF MANGANESE 7439-96-5 10 248 mg/kg IV SS402993 Õ 2 IN SS40045AE MANGANESE 7439-96-5 10 199 mg/kg IV 2 IN SS403093 0 SS40046AE MANGANESE 7439-96-5 10 7650 ma/ka IV 0 SS403193 2IN SS40047AE MANGANESE 7439-96-5 10 200 mg/kg W SS403293 0 2 IN 2 IN MANGANESE SS40048AE 7439-96-5 10 177 mg/kg īv SS403393 0 SS40049AF MANGANESE 7439-96-5 10 230 mg/kg W SS403493 0 2 IN SS40050AE MANGANESE 7439-96-5 10 222 mg/kg īv SS403593 0 2 IN SS40051AF MANGANESE 7439-96-5 10 221 mg/kg 0 ISS403693 678 mg/kg 2 IN SS40052AF MANGANESE 7439-96-5 10 SS606292 0 MANGANESE 2 IN SS60062WC 7439-96-5 3 203 mg/kg ISS620292 O 2 IN SS60202WC MANGANESE 7439-96-5 3 186 mg/kg IJ SS810893 0 3 IN SSG0102JE MANGANESE 7439-96-5 15 140 mg/kg ISS811193 0 3IIN SSG0105JE MANGANESE 7439-96-5 15 68.4 mg/kg SS811493 0 3 IN SSG0108JE MANGANESE 7439-96-5 230 mg/kg 05093 0 2 IN SS00002AE MERCURY 7439-97-6 0.2 mg/kg 0.2 105193 n 2 IN SS00003AE MERCURY 7439-97-6 0.2 0.17 mg/kg 05393 0 2 IN SS00005AE MERCURY 7439-97-6 0.2 0.13 mg/kg īv 2|IN 40093 0 SS40060AE MERCURY 7439-97-6 0.1 0.21 mg/kg V 40293 0 2 IN SS40042AE MERCURY 7439-97-6 0.21 mg/kg 0.3 1.1 40393 0 2 IN SS40053AE MERCURY 7439-97-6 0.05 0.13 mg/kg U IV 40693 0 SS40057AF MERCURY 7439-97-6 0.2 111 0.19 mg/kg IJ 40793 0 2 IN SS40058AF MERCURY 7439-97-6 0.2 0.17 mg/kg IU 40993 0 2 IN SS40072AE MERCURY 7439-97-6 0.2 0.12 mg/kg 111 41193 0 2 IN SS40007AE MERCURY 7439-97-6 0.07 0.18 mg/kg IU V 41293 0 2 IN SS40071AE MERCURY 7439-97-6 0.2 0.15 mg/kg U 41593 6 IN 4 SS40073AE MERCURY 7439-97-6 0.2 0.32 mg/kg 41693 ō 2 IN SS40410AE MERCURY 7439-97-6 0.05 0.13 mg/kg U 41793 0 2 IN SS40077AF MERCURY 0.11 mg/kg 7439-97-6 0.05 U IV 41993 0 2 IN 0.18 mg/kg ISS40009AF MERCURY 7439-97-6 0.05 IV 42093 O 2: IN SS40480AF MERCURY 7439-97-6 0.04 0.12 mg/kg ĪV 142193 6 IN 4 SS40012AF IMERCURY 7439-97-6 0.2 0.1 mg/kg U 42293 0 2 IN SS40078AF MERCURY 7439-97-6 0.2 0.18 mg/kg IU 42393 0 2 IN SS40079AF MERCURY 7439-97-6 0.2 0.13 mg/kg 42593 4 6 IN SS40082AE MERCURY 7439-97-6 0.2 0.11 mg/kg 42693 0 2 IN SS40080AE MERCURY 7439-97-6 0.06 0.16 mg/kg U IV 42993 0 2 IN SS40056AE MERCURY 7439-97-6 0.2 0.14 mg/kg IJ 43193 0 2 IN SS40084AE MERCURY 7439-97-6 0.04 0.33 mg/kg 43393 4 6 IN SS40087AE MERCURY 7439-97-6 0.2 0.1 mg/kg ĨÜ īV 43493 0 SS40086AE 2 IN MERCURY 7439-97-6 0.2 0.17 mg/kg ĺυ IV 43693 4 6 IN SS40089AE MERCURY 7439-97-6 0.27 mg/kg 0.2 īV 43793 0 2 IN SS40088AF MERCURY 7439-97-6 0.05 0.48 mg/kg IV 43893 0 2 IN SS40010AE MERCURY 7439-97-6 0.05 0.12 mg/kg itJ ĪV 43993 211 SS40091AE MERCURY 7439-97-6 n 0.11 mg/kg īÜ iv 44093 ō 2 IN SS40090AE MERCURY 7439-97-6 0.05 0.12 mg/kg U W 44393 SS40005AE MERCURY 2 IN 7439-97-6 0.2 0.4 mg/kg īv 44893 Ö 2 IN MERCURY ISS40070AE 7439-97-6 0.1 0.17 mg/kg V 45693 0 2 IN MERCURY ISS40094AE 7439-97-6 0.2 0.15 mg/kg LIN L 45793 0 2 IN SS40015AE MERCURY 7439-97-6 0.2 0.14 mg/kg UN 46193 0 SS40096AE MERCURY 2IIN 7439-97-6 0.2 0.12 mg/kg U W 46693 4 6 IN SS40141AE MERCURY 7439-97-6 0.1 0.57 mg/kg IV 46793 4 6 IN SS40142AE MERCURY 0.34 mg/kg 7439-97-6 0,1 īV 46893 4 6 IN SS40143AF MERCURY 7439-97-6 0.2 0.09 mg/kg U īv 47093 0 0.09 mg/kg 1 IN SS40145AF MERCURY 7439-97-6 0.2 U V 48195 0 OFT AS00001PE MERCURY 7439-97-6 0.1 0.1 mg/kg 48295 0 OFT IAS00002PE MERCURY 7439-97-6 0.1 mg/kg 0.1

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals 1 8 LOCATION DEPTH DETECTION VALIDATION DEPTH SAMPLE LAB RESULT CODE START END UNITS NUMBER ANALYTE CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER MERCURY 48395 ASD00D3PF 7439-97-6 0.1 0.12 mg/kg OFT MERCURY 0.14 mg/kg SS400293 SS40018AF 7439-97-6 2 IN BN 0 0.3 SS400393 SS40019AE MERCURY 7439-97-6 0.2 mg/kg ō 2 IN 0.2 IN SS400593 MERCURY 7439-97-6 0.78 mg/kg 0 SS40021AF N 2 IN 0.2 UN 0.11 mg/kg ISS400693 0 2 IN SS40022AF MERCURY 7439-97-6 0.2 IV SS400893 n 21IN SS40024AE MERCURY 7439-97-6 0.05 0.06 mg/kg ĺŪ ISS401193 O 2 IN SS40027AF MERCURY 7439-97-6 0.06 0.07 mg/kg IU īV ISS401293 n 2 IN SS40028AF MERCHRY 7439-97-6 0.2 0.05 mg/kg IIIN IJ SS401593 n 2 IN SS40031AE MERCURY 7439-97-6 0.3 0.08 mg/kg BN 1.1 SS401693 n 2.IN ISS40032AE MERCURY 7439-97-6 0.04 0.05 mg/kg īV 11 SS401893 O 2 IN SS40034AE MERCURY 7439-97-6 0.04 0.05 mg/kg П iV SS402393 ō 2 IN SS40039AE MERCURY 7439-97-6 0.05 0.05 mg/kg ũ V SS402593 n 2 IN SS40041AE MERCURY 7439-97-6 0.05 0.06 mg/kg Ū īV SS402793 2 IN SS40043AE MERCURY 7439-97-6 N 0 0.2 1.8 mg/kg IJ SS402893 2 IN SS40044AE MERCURY 7439-97-6 0.2 0.34 mg/kg N SS402993 SS40045AE MERCURY UN 0 2 IN 7439-97-6 0.2 0.11 mg/kg SS403093 SS40046AE 2 IN MERCURY 7439-97-6 0.2 1.7 mg/kg SS403193 MERCURY UN 2 IN SS40047AE 7439-97-6 0.2 0.13 mg/kg IV SS403293 2 IN SS40048AF MERCURY 7439-97-6 0.2 0.15 mg/kg UN SS403393 0 2 IN SS40049AF MERCURY 7439-97-6 0.2 0.14 mg/kg UN SS403493 2 IN S\$40050AE MERCURY 7439-97-6 0.2 0.12 ma/ka U \$\$403593 0 SS40051AE MERCURY 7439-97-6 0.2 0.11 mg/kg U V 2 IN SS403693 0 2 IN SS40052AE MERCURY 7439-97-6 0.2 0.12 mg/kg Ū \$\$606292 Ü 2 IN SS60062WC MERCURY 7439-97-6 0.1 0.06 mg/kg īv Oi MERCURY 7439-97-6 0.07 mg/kg SS620292 0 2 IN SS60202WC 0.1 ĪŪ ĪV SS810893 O 3 IN ISSG0102.IF MERCURY 7439-97-6 02 0.052 mg/kg 111 IV 7439-97-6 SS811193 O 3 IN SSG0105JE MERCURY 0.2 0.052 mg/kg ΙU IV ISS811493 O 31IN !SSG0108.IF MERCURY 7439-97-6 0.2 0.052 mg/kg Tu iV IJ MOLYBDENUM 05093 0 2 IN SS00002AE 7439-98-7 20 4.3 mg/kg u 05193 O 2 IN SS00003AE **IMOLYBOENUM** 7439-98-7 20 4.5 mg/kg Ш 05393 0 2 IN SS00005AE MOLYBDENUM 7439-98-7 20 4.4 mg/kg U 40093 0 2 IN SS40060AF MOLYBDENUM 7439-98-7 55 5.5 mg/kg u 40293 Oi 2 IN SS40042AE MOLYBDENUM 7439-98-7 57 5.7 mg/kg Ū 40393 0 2 IN SS40053AE MOLYBDENUM 7439-98-7 52 Ū 5.2 mg/kg 40693 O 2 IN SS40057AE MOLYBDENUM 7439-98-7 7.5 mg/kg 20 40793 0 2 IN SS40058AE MOLYBDENUM 7439-98-7 20 6.7 mg/kg 40893 2 IN SS40004AE MOLYBDENUM 7439-98-7 0 48.3 4.8 mg/kg Ü īv 40993 SS40072AE MOLYBDENUM 7439-98-7 2 IN 20 4.7 mg/kg SS40007AE MOLYBDENUM ÎÜ 41193 2 IN 7439-98-7 7.2 mg/kg 41293 0 2 IN SS40071AE MOLYBDENUM 7439-98-7 20 6 mg/kg 41593 6 IN SS40073AE MOLYBDENUM 7439-98-7 20 4.2 ma/ka U 41693 0 2 IN SS40410AE MOLYBDENUM 7439-98-7 53 5.3 mg/kg U 41793 SS40077AE MOLYBDENUM 7439-98-7 0 2 IN 46 4.6 mg/kg ĬÜ IJ 41993 SS40009AE MOLYBDENUM 7439-98-7 0 2 IN 48 4.8 mg/kg 42093 2 IN SS40480AE MOLYBDENUM 7439-98-7 0 41 4.1 mg/kg Ü MOLYBDENUM 42193 4 6 IN SS40012AF 7439-98-7 20 4.2 mg/kg IU 0 SS40078AE MOLYBDENUM 7439-98-7 42293 2 IN 20 4.8 mg/kg U IJ SS40079AF MOLYBDENUM 7439-98-7 42393 0 2 IN 43 4.3 mg/kg 111 42593 4 6 IN SS40082AE MOLYBDENUM 7439-98-7 20 4.2 mg/kg U IV 42693 ō 2 IN SS40080AF MOLYBDENUM 7439-98-7 62 6.2 mg/kg U IJ 42993 0 2 IN SS40056AE MOLYBDENUM 7439-98-7 46 4.6 mg/kg IU 43193 0 21IN SS40084AF MOLYBOENUM 7439-98-7 44 4.4 mg/kg Ū 43393 Δ 6 IN SS40087AE MOLYBDENUM 7439-98-7 20 4.2 mg/kg U īv 43493 0 2 IN SS40086AE MOLYBDENUM 7439-98-7 20 4.6 mg/kg U 43693 A 6 IN SS40089AE MOLYBDENUM 7439-98-7 U ĪV 20 4.1 mg/kg 43793 0 2 IN SS40088AE MOLYBDENUM 7439-98-7 U 47 4.7 mg/kg 43893 MOLYBDENUM 7439-98-7 0 2 IN SS40010AE 47 4.7 mg/kg ĪŪ IJ 43993 2 IN SS40091AE MOLYBDENUM 7439-98-7 45 4.5 mg/kg ΙÜ J 44093 0 2 IN SS40090A MOLYBDENUM 7439-98-7 48 4.8 mg/kg U 44393 U 2 IN SS40005AE MOLYBDENUM 7439-98-7 46 4.6 mg/kg 44593 0 2 IN SS40001AE MOLYBDENUM 7439-98-7 44 4.4 ma/ka ĪŪ īV 44893 2 IN SS40070AE MOLYBDENUM 7439-98-7 5.8 mg/kg U ō 58 ij 45693 2 IN SS40094AE MOLYBDENUM 7439-98-7 0 20 5.8 mg/kg U 45793 2 IN SS40015AE MOLYBDENUM 7439-98-7 5.6 mg/kg Ū IJ 0 20 SS40096AE 46193 ō 2 IN MOLYBDENUM 7439-98-7 20 4.9 mg/kg U IJ 46693 6 IN SS40141AE MOLYBDENUM 7439-98-7 īŪ 40 1 mg/kg MOLYBDENUM 46793 4 6IN SS40142AE 7439-98-7 40 1.1 mg/kg Ū iV 46893 6 IN SS40143AE MOLYBDENUM 7439-98-7 200 4 1.5 mg/kg 111 J 0 SS40145AE MOLYBDENUM 47093 7439-98-7 1 IN 200 1.6 mg/kg lU. 48195 0 FT 7439-98-7 IAS00001PE MOLYBDENUM Oi 24 2.4 mg/kg Itt 17 48295 AS00002PE MOLYBDENUM 7439-98-7 0 0!FT 24 2.4 mg/kg !U Z 48395 OFT O. AS00003PF MOLYBOENUM 7439-98-7 2.8 2.8 mg/kg 11 ĪΖ ISS400293 0 2 IN SS40018AF MOLYBDENUM 7439-98-7 57 5.7 mg/kg īŪ V SS400393 0 2 IN ISS40019AE MOLYBDENUM 7439-98-7 20 4.3 mg/kg ΙÜ IJ SS400593 2 IN SS40021AE MOLYBDENUM 7439-98-7 4.1 mg/kg Ū

| | | | Table | A.1 - Solar Eva | oration Ponds AOC | Analytical R | esults for Surfa | ce Soils - | Metals | | |
|----------------------|-------|-------|-------------|-------------------------|--------------------------|---------------------------------|------------------|------------|----------------|--------------|------------|
| | | | | | | | | | | | |
| LOCATION | DEPTH | DEPTH | agent of | SAMPLE | | | DETECTION | | | LAB RESULT | VALIDATION |
| CODE | START | END | UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | | QUALIFIER | QUALIFIER |
| SS400693 | 0 | | | SS40022AE | MOLYBDENUM | 7439-98-7 7439-98-7 | 20 46.5 | | mg/kg mg/kg | | V V |
| SS400793 SS400893 | 0 | | | SS40023AE SS40024AE | MOLYBDENUM MOLYBDENUM | 7439-98-7 | 52 | | mg/kg | | J |
| SS401193 | 0 | | | SS40027AE | MOLYBDENUM | 7439-98-7 | 56 | 5.6 | mg/kg | | J |
| SS401293 | 0 | | | ;SS40028AE | MOLYBDENUM | 7439-98-7 | 44.8 | | mg/kg | | V |
| SS401393 SS401593 | 0 | | | SS40029AE SS40031AE | MOLYBDENUM MOLYBDENUM | 7439-98-7 7439 - 98-7 | 57.8 51.7 | | mg/kg mg/kg | | V |
| SS401693 | 0 | | | SS40032AE | MOLYBDENUM | 7439-98-7 | 42 | 4.2 | mg/kg | | J |
| SS401893 | 0 | | | SS40034AE | MOLYBDENUM | 7439-98-7 | 44 | | mg/kg | | <u> </u> |
| SS402393 SS402593 | 0 | | | SS40039AE SS40041AE | MOLYBDENUM MOLYBDENUM | 7439-98-7 7439-98-7 | 46 | | mg/kg mg/kg | | J J |
| SS402793 | 0 | | | SS40041AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | | J |
| SS402893 | 0 | 2 | IN | SS40044AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | | J |
| SS402993 | 0 | | IN | SS40045AE | MOLYBDENUM | 7439-98-7 7439-98-7 | 20 20 | | mg/kg mg/kg | | J |
| SS403093 SS403193 | 0 | | | SS40046AE SS40047AE | MOLYBDENUM MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | | J |
| SS403293 | 0 | | iN | SS40048AE | MOLYBDENUM | 7439-98-7 | 20 | 6.2 | mg/kg | | J |
| SS403393 | 0 | | | SS40049AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | | J |
| SS403493 SS403593 | 0 | | | SS40050AE SS40051AE | MOLYBDENUM MOLYBDENUM | 7439-98-7 7439-98-7 | 20 20 | | mg/kg mg/kg | ··· | IJ IJ |
| SS403593 | 0 | | | SS40051AE | MOLYBDENUM | 7439-98-7 | 20 | 4.9 | mg/kg | U | J |
| \$5606292 | 0 | 2 | IN | SS60062WC | MOLYBDENUM | 7439-98-7 | 40 | 4.3 | mg/kg | | V |
| SS620292 | 0 | | IN | SS60202WC | MOLYBDENUM MOLYBDENUM | 7439-98-7 7439-98-7 | 40 200 | | mg/kg mg/kg | | J |
| SS810893 SS811193 | 0 | | IN IN | SSG0102JE | MOLYBDENUM | 7439-98-7 | 200 | | mg/kg | | J |
| SS811493 | 0 | | | SSG0108JE | MOLYBDENUM | 7439-98-7 | 200 | 0.91 | mg/kg | U | J |
| 05093 | 0 | | | SS00002AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 05193 05393 | 0 | | IN | SS00003AE SS00005AE | NICKEL NICKEL | 7440-02-0 | 20 | | mg/kg mg/kg | lu | J V |
| 40093 | 0 | | | ISS40060AE | NICKEL | 7440-02-0 | 11 | | mg/kg | | V |
| 40293 | 0 | 2 | IN | ISS40042AE | NICKEL | 7440-02-0 | 11 | | mg/kg | | V |
| 40393 | 0 | | IN | SS40053AE | NICKEL | 7440-02-0 | 10 20 | | mg/kg | В | V J |
| 40693 | 0 | | IN IN | SS40057AE SS40058AE | NICKEL NICKEL | 7440-02-0 | 20 | | mg/kg mg/kg | В | J |
| 40893 | 0 | | IN | SS40004AE | NICKEL | 7440-02-0 | 9.7 | | mg/kg | | V |
| 40993 | 0 | | | SS40072AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | J |
| 41193 | 0 | | IN IN | SS40007AE SS40071AE | NICKEL | 7440-02-0 | 14 | | mg/kg mg/kg | <u> </u> | V J |
| 41593 | 4 | | | S\$40071AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | J |
| 41693 | . 0 | 2 | IN | SS40410AE | NICKEL | 7440-02-0 | 11 | | mg/kg | | V - |
| 41793 | 0 | | IN | SS40077AE | NICKEL NICKEL | 7440-02-0 | 9 | · | mg/kg mg/kg | | V · |
| 41993 42093 | 0 | | IN IN | SS40009AE SS40480AE | NICKEL | 7440-02-0 | 8 | | mg/kg | | IV |
| 42193 | 4 | | IN | SS40012AE | NICKEL | 7440-02-0 | 20 | 10 | mg/kg | | V |
| 42293 | 0 | | | ISS40078AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | J V |
| 42393 42593 | 0 | | IN IN | SS40079AE SS40082AE | NICKEL | 7440-02-0 | 9 20 | | mg/kg mg/kg | | iv Iv |
| 42693 | 0 | | IN | SS40080AE | NICKEL | 7440-02-0 | 12 | | mg/kg | | V |
| 42993 | i 0 | | !IN | SS40056AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | V |
| 43393 | 0 | | | SS40084AE ISS40087AE | NICKEL NICKEL | 7440-02-0 | 9 20 | | mg/kg mg/kg | · | V V |
| 43493 | 4 0 | | | ISS40087AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | J |
| 43693 | 4 | 6 | IN | SS40089AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 43793 | 0 | | | SS40088AE SS40010AE | NICKEL | 7440-02-0 | 9 | | mg/kg mg/kg | | V V |
| 43893 43993 | 0 | | | \$\$40010AE | NICKEL | 7440-02-0 | 9 | | mg/kg | В | V |
| 44093 | 0 | | | SS40090AE | NICKEL | 7440-02-0 | 10 | 9.3 | mg/kg | В | V |
| 44393 | 0 | | | SS40005AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | V V |
| 44593 44893 | 0 | | IN IN | SS40001AE SS40070AE | NICKEL NICKEL | 7440-02-0 | 8.8 | | mg/kg mg/kg | | V V |
| 45693 | 0 | | IN | SS40070AE | NICKEL | 7440-02-0 | 20 | 10.7 | mg/kg | В | V |
| 45793 | 0 | 2 | IN | SS40015AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 46193 | 0 | | IN | S\$40096AE | NICKEL | 7440-02-0 | 20 | | mg/kg mg/kg | | V V |
| 46693 46793 | 4 | | IN | SS40141AE SS40142AE | NICKEL | 7440-02-0 | 8 | | mg/kg mg/kg | | V |
| 46893 | 4 | 6 | IN | SS40143AE | NICKEL | 7440-02-0 | 40 | 12.3 | mg/kg | 1 | V |
| 47093 | 0 | | IN | SS40145AE | NICKEL | 7440-02-0 | 40 | | mg/kg | | V |
| 48195 48295 | 0 | | FT | AS00001PE AS00002PE | NICKEL | 7440-02-0 | | | mg/kg mg/kg | В | Z |
| 48395 | . 0 | |) FT | AS00003PE | NICKEL | 7440-02-0 | <u> </u> | | mg/kg | В | Z |
| SS400293 | 0 | 2 | IN | SS40018AE | NICKEL | 7440-02-0 | 11.4 | 20.4 | mg/kg | | V |
| SS400393 | 0 | | IN | SS40019AE | NICKEL | 7440-02-0 | i 20 | | mg/kg mg/kg | | V |
| SS400593 SS400693 | 0 | | IN IN | SS40021AE SS40022AE | NICKEL | 7440-02-0 | 20 | | mg/kg mg/kg | | V |
| SS400793 | 0 | | IN | SS40023AE | NICKEL | 7440-02-0 | 9.3 | | mg/kg | | V |



| 9 % S | 10 m | * | * 5 | 1944 Million 185 | Soration Ponds AUC | \$ \$ | esuits for Surfa | ې، سونتېسىي | .e. § | 5 y | A. G |
|------------------------|--------|-----------------------|-------------|------------------------|--|------------------------|------------------|-------------|---|--------------|---------------|
| | | | 8 | | | * | * | | | 1 3 5 | |
| LOCATION | DEPTH | DEPTH. | \$ \$ | SAMPLE | 1 × × × × | 1 10 10 | DETECTION | 1 190 1 | (P) | LAB RESULT | VALIDATION |
| CODE | START | END | UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | a second section of the second section of | QUALIFIER | QUALIFIER |
| ISS400893 ISS401193 | 0 | | IN IN | SS40024AE SS40027AE | NICKEL NICKEL | 7440-02-0 | 10 | | mg/kg | | <u>v</u> v |
| SS401293 | . 0 | | | | | 7440-02-0 | 11 | | mg/kg mg/kg | | <u>v</u> |
| SS401293 | i 0 | | IN | SS40029AE | | 7440-02-0 | 11.6 | ···· | mg/kg | | * |
| SS401593 | ; 0 | | IN | S\$40031AE | | 7440-02-0 | 10.3 | | mg/kg | | v |
| SS401693 | 0 | | | SS40032AE | NICKEL | 7440-02-0 | 8 | | mg/kg | | V |
| SS401893 | 0 | | IN | SS40034AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | v · |
| SS402393 | 0 | | IN | | | 7440-02-0 | 9 | | mg/kg | U | V |
| SS402593 | 0 | | IN | SS40041AE | | 7440-02-0 | 11 | | mg/kg | | V |
| SS402793 | 0 | in-rea thoras manners | IN | SS40043AE | | 7440-02-0 | 20 | | mg/kg | | V |
| SS402893 SS402993 | 0 | | IN | SS40044AE | | 7440-02-0 | 20 | | mg/kg | | V |
| SS402993 SS403093 | , 0 | | | SS40045AE SS40046AE | | 7440-02-0 7440-02-0 | 20 20 | | mg/kg | | V V |
| ISS403193 | 0 | | IN | | NICKEL | 7440-02-0 | 20 | | mg/kg mg/kg | | <u> </u> |
| \$\$403293 | Ö | | | | | 7440-02-0 | 20 | | mg/kg | | · |
| SS403393 | 0 | ****** | 'IN | SS40049AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | v v |
| S\$403493 | 0 | 2 | IN | SS40050AE | NICKEL | 7440-02-0 | 20 | 15.7 | rng/kg | | V |
| SS403593 | 0 | | | S\$40051AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| SS403693 | 0 | | | SS40052AE | | 7440-02-0 | 20 | 18.9 | mg/kg | | V |
| SS606292 | 0 | | | | | 7440-02-0 | 8 | | mg/kg | | V |
| SS620292 | Ō | | | | | 7440-02-0 | 8 | | mg/kg | | J |
| SS810893 SS811193 | 0 | | IN IN | | | 7440-02-0 | 40 | | mg/kg | | V V |
| SS811193 | 0 | | IN | | NICKEL | 7440-02-0 7440-02-0 | 40 ¹ | | mg/kg mg/kg | | V V |
| 05093 | 0 | | | | | 7440-02-0 | 1000 | | mg/kg mg/kg | | <u>V</u> V |
| 05193 | 0 | | IN | SS00003AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | <u>J</u> |
| 05393 | 0 | | IN | | | 7440-09-7 | 1000 | | mg/kg | | v |
| 40093 | 0 | | IN | SS40060AE | | 7440-09-7 | 1372 | | mg/kg | <u></u> | v v |
| 40293 | 0 | | | | | 7440-09-7 | 2829 | 1320 | mg/kg | В ! | j |
| 40393 | 0 | | | | | 7440-09-7 | 1295 | | mg/kg | | V |
| 40693 | 0 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg. | | V |
| 40793 | 0 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | V |
| 40893 40993 | 0 | | | | | 7440-09-7 | 2415.5 | | mg/kg | | V |
| 41193 | 0 | | | | | 7440-09-7 7440-09-7 | 1000 1802 | 2940 | mg/kg mg/kg | | V |
| 41293 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg mg/kg | | <u>v</u> |
| 41593 | 4 | | | | | 7440-09-7 | 1000 | | mg/kg | 1 | |
| 41693 | 0 | | | | | 7440-09-7 | 1337 | 3850 | mg/kg | | v |
| 41793 | 0 | 2 | IN : | | | 7440-09-7 | 1138 | 2380 | mg/kg | | V |
| 41993 | 0 | | | | | 7440-09-7 | 1192 | 2030 | mg/kg | i ! | V |
| 42093 | 0 | | | | | 7440-09-7 | 1030 | 749 | mg/kg | | V |
| 42193 | 4 | | | | | 7440-09-7 | 1000. | 2950 | mg/kg | ! | |
| 42293 42393 | 0 | | | | POTASSIUM | 7440-09-7 | 1000 | 2940 | mg/kg | | |
| 42593 | 0 4 | | IN IN | | | 7440-09-7 | 2141 | 1750 | mg/kg | | |
| 42693 | 0 | | | | | 7440-09-7 7440-09-7 | 1000 1550 | | mg/kg mg/kg | | |
| 42993 | 0 | | | | | 7440-09-7 | 2281 | | mg/kg | ļi, | |
| 43193 | 0 | | | | | 7440-09-7 | 1101 | 1540 | mg/kg | | V |
| 43393 | 4 | 6 | IN | SS40087AE | | 7440-09-7 | 1000 | 4270 | mg/kg | | <u>v</u> |
| 43493 | 0 | 2 | IN | SS40086AE | | 7440-09-7 | 1000 | | mg/kg | | <u> </u> |
| 43693 | 4 | 6 | IN | SS40089AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | V |
| 43793 | 0 | | | | | 7440-09-7 | 1167 | 2350 | mg/kg | i i | V |
| 43893 | 0 | ~·~~ | | | | 7440-09-7 | 1182 | | mg/kg | 1 | / |
| 43993 | 0 | | | | | 7440-09-7 | 1130 | | | IB ! | |
| 44093 44393 | 0 | | | | | 7440-09-7 | 1192 | | mg/kg | ' | |
| 44593 | 0 | | | | | 7440-09-7 7440-09-7 | 2294 2199.5 | | mg/kg | | |
| 44893 | 0; | | | | | 7440-09-7 | 1449 | | mg/kg mg/kg | | <u>/</u> |
| 45693 | 0 | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 7440-09-7 | 1000 | | mg/kg | | y |
| 45793 | 0 | | | | | 7440-09-7 | 1000 | 3080 | mg/kg | | |
| 46193 | 0 | 2 | IN | SS40096AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | |
| 46693 | 4 | | | SS40141AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | i i | |
| 46793 | 4 | | | SS40142AE | | 7440-09-7 | 1000 | | mg/kg | 11 | |
| 46893 | 4 | | | | | 7440-09-7 | 5000 | 1880 | mg/kg | | |
| 47093 48195 | 0 | | | | | 7440-09-7 | 5000 | | mg/kg | \ | |
| 48295 | 0 | | | | | 7440-09-7 | | | mg/kg | | <u>Z</u> |
| 48395 | 0 | | | | | 7440-09-7 | | | mg/kg | | Z |
| SS400293 | 0 | | | | | 7440-09-7 7440-09-7 | 2848.6 | | mg/kg mg/kg | _\ | <u>z</u> |
| SS400393 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg mg/kg | | |
| SS400593 | 0 | | | | ······································ | 7440-09-7 | 1000 | | mg/kg | | |
| SS400693 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg | | |
| SS400793 | 0 | 2 | IN ! | SS40023AE | | 7440-09-7 | 2325.3 | | mg/kg | i i | |
| SS400893 | 0 | | | | | 7440-09-7 | 1305 | 2210 | mg/kg | i\ | |
| SS401193 | 0 | 2 T | IN | SS40027AE | POTASSIUM | 7440-09-7 | 1408 | | mg/kg | !\ | |

| <u></u> | | 0.18 mg/kg | l. | Z-64-2877 | | SS40141AE | NI 9 | * | £699¢ |
|---------------------------------------|------------|--|---|------------------------|--|------------|-----------|--|-------------------------|
| ^ | √ n | 0.49 mg/kg | 7 | Z-64-2877 | SELENIUM | 3A4009622 | S IN | 0 | 66193 |
| ^ | <u> </u> | 0.56 mg/kg | 2 | Z-64-2877 | SELENIUM | EA2100A22 | NIZ | 0 | £6734 |
| ^ | (n | 0.58 mg/kg | 7 | 7782-49-2 | SELENIUM | 3740004S | SIN | 10 | 42693 |
| · · · · · · · · · · · · · · · · · · · | n | | 1 | 7782-49-2 | SELENIUM | 3A0700A22 | | | £68 11 |
| ٨ | n | | 1.1 | Z-64-2877 | | 3A10001AE | | | 44293 |
| ۸ | n | 0.46 тд/кд | li . | Z-64-2877 | | 3A40004SS | | | 56544 |
| ſ | NWU | | ļi | Z-6 7- Z877 | | | | | £60 11 |
| ٢ | | | 1 | Z-64-2877 | | 3A1600A22 | | | 43993 |
| , | | | li | Z-62-2877 | | | | | |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | 'i | Z-69-2877 | | 3A8800422 | | | 43893 |
| ^ | | | | | | | | | £67£4 |
| | | | 2 | Z-64-2877 | | | | ···· | £69£† |
| <u> </u> | | 66 | 2 | Z-64-2877 | | | | | 66464 |
| | | 0.42 mg/kg | Z | S-64-2877 | | 3A780042S | | | 43393 |
| <u> </u> | | | ! L | Z-64-2877 | | | | 10 | 43193 |
| <u> </u> | | | įl. | Z-64-2877 | | | | į0 | \$6627 |
| <u> </u> | | | 7 | S-64-2877 | | 3A080042S | S IN | 0 | \$692 |
| Λ | | | 7 | Z-64-2877 | | 3A280042S | NI 9 | 7 | 42593 |
| r | | | L | Z-64-2877 | SELENIUM | 3A6700422 | NIZ | 0 | 42393 |
| r | i nu | 0.48 mg/kg | 2 | Z-6 1- 2877 | SELENIUM | 3A8700422 | NI Z | ;0 | 42Z93 |
| ٨ | n | 0.42 mg/kg | 2 | Z-64-2877 | SELENIUM | | | Þ | 45193 |
| ٨ | | | ı | 2-64-2877 | | 3A0840422 | | 0 | 42093 |
| ۸ | | | 1 | Z-64-2877 | SELENIUM | 3A600012S | | 0 | 41993 |
| , | | | ŀ | Z-64-2877 | | ∃ATT00A2S | | 10 | 56714 |
| ^ | | | Į. | Z-64-2877 | | SS40410AE | | 10 | 26917 |
| r | | | 2 | Z-64-2877 | | 3A6700422 | | b | |
| r | | | 2 | 2-64-2877 | | | | | 41293 |
| <u> </u> | | | | | SELEVIUM | | | 0 | 41293 |
| · | | | <u>Z</u> | 2-64-2877 | | 3A7000422 | | 0 | 56114 |
| | | | <u>Z</u> | Z-64-2877 | | SS40072AE | | io | £660Þ |
| ^ | | | 2.1 | Z-64-28TT | | SS40004RE | | 0 | £680p |
| ŗ | | 0.67 mg/kg | 2 | Z-64-2877 | | 3A82004SS | | 0 | £670 2 |
| Ţ | | 0.75 mg/kg | 5 | Z-64-2877 | | SS40057AE | ZIIN | <u>i0</u> | €690≯ |
| ſ | | | \L | Z-64-2877 | | SS40053AE | | 0 | 66504 |
| 1 | | | 11 | Z-64-2877 | | SS40042AE | SIN | 0 | 40293 |
| ΛΛ | | | 16 | Z-64-2877 | SELENIUM | 3A090042S | S IN | :0 | 10093 |
| r | | 0.44 mg/kg | 7 | 2-64-2877 | SELENIUM | 3A20000SS | I NIZ | 10 | 56550 |
| ſ | NMN | | 5, | 2-64-2877 | SELENIUM | 3A600002S | SIN | 0 | 02493 |
| Λ | n | 0.43 mg/kg | 7 | Z-61-2877 | SELENIUM | 220000SAE | | 0 | £6090 |
| Λ | 1 | 5110 mg/kg | 0009 | Z-60-077L | MUISSATOR | SSC01081E | NIE | 10 | 26711835 |
| ٨ | 8 | 481 Wô\kô | 0009 | Z-60-077Z | | SSC01021E | | 0 | £61118SS |
| ۸ | | 10e0 w3/kg | 0009 | Z-60-077Z | MUISSATOR | SSCOIOSTE | | 10 | £68018SS |
| Λ | | 1210/mg/kg | 1000 | Z-60-0++Z | | | | 0 | 262029\$\$ |
| Λ | | 1450 mg/kg | 1000 | Z-60-0++Z | | 2260062WC | | 0 | Z6Z909SS |
| ^ | | 2280 mg/kg | 1000 | 7-60-0447 | MUISSATOR | SS40052AE | | 0 | £6960933 |
| · ^ | | 1530 mg/kg | 0001 | 2-60-0772 | | 5S40052AE | | | SS403593 |
| | | 1950 mg/kg | 10001 | 7-60-0447 | | | | <u> 0</u> | |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 2770 mg/kg | 10001 | | | 3A0200422 | | 10 | 26460488 |
| | | | | Z-60-0>7Z | MUISSATOR | 3A64004SS | | 0 | S66504SS |
| ^ | | ZY70 mg/kg | 10001 | Z-60-0++Z | | 3A8400422 | | 0 | S6403293 |
| | | 2650 mg/kg | 0001 | 7-60-0447 | | SS4004ZRE | | 0 | 561504SS |
| ^ | | 6620 mg/kg | 0001 | 7-60-0447 | | 38400488 | SIN | 10 | E60E0422 |
| | | Z710 mg/kg | 1000 | 7-60-0447 | | SS40045RE | | 0 | 2840293 |
| | | 3400 mg/kg | 10001 | 7-60-0447 | | 2240044AE | | 0 | 28402893 |
| Λ | | 1930i mg/kg | 1000 | Z-60-077Z | | 2840043AE | | :0 | 56720422 |
| ^ | | 1480 mg/kg | 1345 | Z-60-077Z | MUISSATOR | 2240041AE | | 10 | SS402593 |
| Λ | | | 11571 | Z-60-0 27 Z | | 3A6E004SS | | <u> </u> 0 | SS402393 |
| ٨ | | 1240 mg/kg | 11011 | 7-60-0447 | MUISSATO9 | 2240034VE | NI Z | 0 | £681012S |
| ^ | | | 1062 | Z-60-0++Z | MUISSATO9 | 2240032AE | | 0 | £69104SS |
| Λ | | 3160 mg/kg | £.782S | Z-60-0 77 Z | MUISSATO9 | 2540031AE | | 0 | 56510422 |
| ٨ | | 2020 mg/kg | 9.068\$ | 2-60-0++1 | MUISSATO9 | 3840029AE | | o | £6£10422 |
| ^ | | 1350 mg/kg | 1.0422 | 7-60-0447 | MUISSATOR | SS40028AE | | 0 | 25401293 |
| CUALIFIER | GUALIFIER | RESULT UNITS | TIMIT | CV2 NO | BTYJAMA | MUMBER | STINU I | START END | BOOD |
| | TJUSBR 8AJ | * * * | DETECTION | | See 1 | SAMPLE | 1 1 | HTG30 HTG30 | LOCATION |
| 15 | 157 | | | | | 3.01.14.2 | | uréad l'útead | 1,017,001 |
| * | | 12: No. 12: No | 1 . Sec. 14. | Broke B | \$ 1 miles (10 10 10 10 10 10 10 10 10 10 10 10 10 1 | reservo de | Ser 194 4 | 1 1 1 La 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Maria San |
| Li. | | | 1 | 1 1 1 1 1 1 1 1 1 1 | | | <u> </u> | 1 1 1/4 | the annual study of the |

28401393

28401293

25401193

SS400893

28400793

S6900126

26400593

£6£00488

25400293

48395

48295

48195

47093

€689⊅

£6794

€699⊅

SELENIUM

SELEVIUM

SELENIUM

SELENIUM

3A6200488

3A8200428

2540027AE

2240024AE

2240023AE

18840022AE

3A1200488

3A6100122

3A8100182

39500002A

AS00002PE

39100002A

SS40145AE

SS40143AE

SS40142AE

SS40141AE

NIZ

NIZ

NIZ

NI Z

NI:Z

SIN

NIZ

NIZ

NIZ

TH/O

1<u>0</u>

THO

NIIL

NI 9

NI 9

NI 9

0

0

10

0

0

0

0

0

0

0

0

Þ

Þ

7

7782-49-2

Z-64-2877

7782-49-2

2-64-2877

Z-61-2877

Z-61-2877

7782-49-2

2-64-28771

2-67-2811

2-64-2877

2-64-2877

2-64-2877

Z-64-2877

Z-64-2877

Z-64-2877

2-64-2877

0.45 mg/kg 0.58 mg/kg

0.56 mg/kg

0.52 mg/kg

0.47 mg/kg

0.43 mg/kg

0.41 mg/kg

0.43 mg/kg

0.57 mg/kg

0.47 mg/kg

0.33 mg/kg

0.48 mg/kg

0.22 mg/kg

0.22 mg/kg

0.18 mg/kg

0.18 mg/kg

1.1

2.1

17.1

67.0

19.0

5

7

n

n

NMO

NN

MΠ

MN

MN

MN

BMN

BWN

BMN

n

n

<u>n</u>

۸

۱٦

۲

۸

۸

۸

Λ Ζ Ζ

۸

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals ٠ ١٠٥ anger additi À. Ž, 1 130 LOCATION DEPTH DEPTH SAMPLE DETECTION AB RESULT VALIDATION CODE START UNITS NUMBER UNITS QUALIFIER END ANALYTE CAS NO LIMIT RESULT QUALIFIER SS401593 SS40031AE SELENIUM 7782-49-2 0.52 ma/ka SS401693 SS40032AE SELENIUM 7782-49-2 UWN 0.42 mg/kg SS401893 ō SS40034AE SELENIUM 7782-49-2 1 0.44 mg/kg LIN l.i SS402393 O 2 IN SS40039AE SELENIÚM 7782-49-2 11 0.46 mg/kg iLIN í I SS402593 2 IN 0 SS40041AE SELENIUM 7782-49-2 17 0.54 mg/kg UN 1.1 SS402793 0 2 IN SS40043AE SELENIUM 7782-49-2 0.42 mg/kg V SS402893 0 2 IN SS40044AF SELENIUM UW 7782-49-2 0.42 mg/kg 11/ ISS402993 0 2 IN SS40045AE SELENIUM 7782-49-2 0.42 mg/kg Ш IV SS403093 0 2 IN SS40046AF SELENIUM 7782-49-2 0.99 mg/kg III SS403193 0.56 mg/kg 0 2 IN ISS40047AE SELENIUM 7782-49-2 В ĩν SS403293 0.62 mg/kg 0 2 IN SS400484F SELENIUM 7782-49-2 U V SS403393 n 2 IN SS40049AE SELENIUM 7782-49-2 0.58 mg/kg UW SS403493 0 2 IN ISS40050AF SELENIUM 7782-49-2 0.48 mg/kg UN ISS403593 0 2 IN SS40051AF SELENIUM 7782-49-2 0.45 mg/kg IJ SS403693 0 2 IN SS40052AE SELENIUM 7782-49-2 0.49 mg/kg SS606292 0 2 IN SS60062WC SELENIUM 7782-49-2 1 0.45 mg/kg Ū SS620292 0 2 IN SS60202WC SELENIUM 7782-49-2 1 ma/ka SS810893 0 3:IN SSG0102JE SELENIUM 7782-49-2 0.49 mg/kg Ū IJ SS811193 0 3 IN SSG0105JE SELENIUM 7782-49-2 0.48 mg/kg U J ISS811493 0 3 IN SSG0108JE SELENIUM 7782-49-2 0.54 ma/ka IU J 05093 0 2 IN SS00002AE SILICON 7440-21-3 100 V 6260 mg/kg 05193 0 2 IN SS00003AF SILICON 7440-21-3 9150 mg/kg 100 IJ 05393 ō SS00005AF SILICON 7440-21-3 100 Ш 21.8 mg/kg IV 40093 0 2 IN SS40060AE SILICON 7440-21-3 27 2340 ma/ka J 40293 ō 2 IN SS40042AE SILICON 7440-21-3 28 1190 mg/kg IJ 2 IN 40393 0 SS40053AE SILICON 7440-21-3 26 3550 mg/kg IJ 140693 0 2 IN SS40057AE SILICON 7440-21-3 100 3880 mg/kg 40793 0 2 IN SS40058AE SILICON 7440-21-3 100 3430 mg/kg IJ 40893 0 SS40004AF 2IIN SILICON 7440-21-3 24.2 1860 mg/kg 40993 0 2 IN SS40072AE ISILICON 7440-21-3 100 2890 mg/kg 41193 0 2 IN SS40007AE ISILICON 7440-21-3 36 4530 mg/kg J 41293 Oi 2 IN SS40071AF 3320 mg/kg ISILICON 7440-21-3 100 IJ 41593 4 6 IN SS40073AF SILICON 7440-21-3 100 5370 mg/kg IJ 41693 O 2 IN ISS40410AF SILICON 7440-21-3 27 2020 mg/kg ij 41793 0 21IN SS40077AE SILICON 7440-21-3 23 4300 mg/kg 41993 ñ 2 IN SS40009AF SILICON 7440-21-3 24 1550 mg/kg 42093 0 2 IN SS40480AF SILICON 7440-21-3 21 573 mg/kg IJ 42193 4 6 IN SS40012AF SILICON 7440-21-3 100 1120 mg/kg N J 42293 2 IN 0 SS40078AE SILICON 7440-21-3 100 10400 mg/kg IJ 42393 0 2:IN SS40079AE SILICON 7440-21-3 21 808 ma/ka N J 42593 4 6 IN SS40082AE SILICON 7440-21-3 N 100 1140 mg/kg IJ 42693 0 2 IN SS40080AE SILICON 7440-21-3 31 3920; mg/kg 1 42993 0 SS40056AE 2 IN SILICON 7440-21-3 N 23 595 mg/kg IJ 43193 ō 2 IN SS40084AE SILICON 7440-21-3 22 3160 mg/kg IJ 43393 4 SS40087AE 6'IN SILICON 7440-21-3 100 997 mg/kg IN IJ 43493 ō 2:IN SS40086AE SILICON 7440-21-3 100 8430 mg/kg IJ 43693 6 IN SS40089AE SILICON 7440-21-3 100 1110 mg/kg N 43793 ö 2 IN SS40088AE SILICON 7440-21-3 23 1280 mg/kg Ε J 43893 0 2 IN SS40010AE SILICON 7440-21-3 24 2610 mg/kg 43993 0 2 IN SS40091AE SILICON 7440-21-3 23 1970 mg/kg 44093 ō 2 IN SS40090AE SILICON 7440-21-3 24 4400 mg/kg 44393 ō SS40005AF 2:IN SILICON 7440-21-3 23 738 mg/kg N IJ 44593 0 2IN SS40001AE SILICON 7440-21-3 22 1460 mg/kg 44893 0 2 IN SS40070AF SILICON 7440-21-3 29 1690 mg/kg 45693 0 2'IN SS40094AF SILICON 7440-21-3 100 9430 mg/kg IJ 45793 0 2 IN SS40015AF SILICON 7440-21-3 100 1280 mg/kg IJ 46193 O 2 IN SS40096AE SILICON 7440-21-3 100 4230 mg/kg IJ SS400293 0 2 IN SS40018AE SILICON 7440-21-3 28.5 2540 mg/kg IJ SS400393 0 2 IN SS40019AE SILICON 7440-21-3 100 6420 mg/kg IJ SS400593 0 2 IN SS40021AE SILICON 7440-21-3 100 3610 ma/ka 1.1 S\$400693 O 2 IN SS40022AE SILICON 7440-21-3 4200 mg/kg 100 SS400793 0 2IIN SS40023AE SILICON 7440-21-3 1770 mg/kg 23.3 SS400893 0 2 IN SS40024AE 7440-21-3 SILICON 3660 mg/kg 26 SS401193 0 SS40027AE 7440-21-3 2 IN SILICON 28 3500 mg/kg SS401293 0 2 IN SS40028AE 7440-21-3 22.4 1210 mg/kg 1.1 SS401393 0 SS40029AE 2 IN SILICON 7440-21-3 28.9 2040; mg/kg IJ SS401593 SS40031AE 0 SILICON 7440-21-3 25.9 1680 mg/kg īĪ SS401693 0 2 IN SS40032AE SILICON 7440-21-3 21 1260 mg/kg 1.1 SS401893 SS40034AE SILICON 7440-21-3 22 1600 mg/kg ΤĴ SS402393 0 2 IN SS40039AE SILICON 7440-21-3 23 2060 mg/kg J SS402593 2 IN SS40041AE SILICON 7440-21-3 27 3730 mg/kg SS402793 0 2 IN SS40043AE SILICON 7440-21-3 100 4030 mg/kg SS402893 0 SS40044AE SILICON 2 IN 7440-21-3 100 4100 mg/kg SS402993 0 SS40045AE 2IN SILICON 7440-21-3 100 4910 mg/kg SS403093 2 IN SS40046AE SILICON 7440-21-3 11300 mg/kg 100

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals 100 Burkey Burk 独着 A STATE OF STATE OF 1 ŵ . 14 è. W: . LOCATION DEPTH DEPTH. SAMPLE DETECTION LAB RESULT VALIDATION ANALYTE RESULT UNITS CODE START END UNITS NUMBER CAS NO LIMIT QUALIFIER QUALIFIER SS403193 SILICON 7440-21-3 2 IN SS40047AF 100 11300) mg/kg 7440-21-3 SS403293 0 2:1N SS40048AF SILICON 100 10100 mg/kg SS403393 0 2 IN SS40049AE SILICON 7440-21-3 100 6120 mg/kg SS403493 SS40050AF 0 2 IN ISILICON 7440-21-3 100 2530 mg/kg F ij SS403593 O 2:IN SS40051AF SILICON 17440-21-3 100 2210 mg/kg IF SS403693 n 2 IN SS40052AF SILICON 7440-21-3 100 2370 mg/kg E IJ 05093 0 2IN SS00002AF SILVER 7440-22-4 10 2.9 mg/kg IV 05193 ō 2 IN SS00003AE SILVER 7440-22-4 10 2.2 mg/kg UN 2.2 mg/kg 05393 0 2 IN SS00005AE SILVER 7440-22-4 10 u ١V 40093 n' 2 IN SS40060AE SILVER 7440-22-4 3 2.7; mg/kg UN IJ 40293 0 2 IN SS40042AE SILVER 7440-22-4 3 2.8 mg/kg UN 40393 Oi 2 IN SS40053AE SILVER 7440-22-4 3 2.6 mg/kg IUN 40693 0 2 IN SS40057AE SILVER 7440-22-4 10 3.7 mg/kg UN SS40058AE 7440-22-4 3.4 mg/kg 40793 0 2 IN SILVER 10 UN SILVER 40893 0 2 IN SS40004AE 7440-22-4 2.4 mg/kg UN 40993 0 2 IN SS40072AE SILVER 7440-22-4 10 IN 3.6 mg/kg 41193 OI 2 IN SS40007AE SILVER 7440-22-4 UN 3.6 mg/kg 2 IN 10 SS40071AE SILVER 7440-22-4 UN V 3 mg/kg 41593 4 6IN SS40073AE SILVER 7440-22-4 10 UN 2.1 mg/kg 41693 0 2 IN SS40410AE SILVER 7440-22-4 3 2.7 mg/kg IJ UN 41793 ō 2 IN SS40077AE SILVER 7440-22-4 IUN 2 2.3 mg/kg 2 IN SILVER 2 ō SS40009AE 7440-22-4 2.4 mg/kg 141993 UN 42093 2 IN SS40480AE SILVER 7440-22-4 2 UN 0 2.1 mg/kg IJ SS40012AE 42193 6 IN SILVER 7440-22-4 10 4 2.1 mg/kg UN 42293 0 2 IN SS40078AE SILVER 7440-22-4 10 2.4 mg/kg UN IJ 42393 n 2 IN SS40079AF ISII VER 7440-22-4 2.1 mg/kg IIIN 42593 4 6 IN SS40082AE SILVER 7440-22-4 10 2.1 mg/kg LIN IV 42693 0 2 IN SS40080AF SILVER 7440-22-4 3 3.1 mg/kg UN IJ 2.3 mg/kg 42993 0 2 IN SS40056AE SILVER 7440-22-4 UN IJ 43193 0 2 IN SS40084AE SILVER 7440-22-4 2 UN 2.2 mg/kg 2.1 mg/kg 43393 6 IN SS40087AE SILVER 7440-22-4 10 UN 4 43493 0 2 IN SS40086AE SILVER 7440-22-4 10 2.3 mg/kg UN 43693 4 6 IN SS40089AE SILVER 7440-22-4 10 2.1 mg/kg UN 43793 0 2 IN SS40088AE SILVER 7440-22-4 2.3 mg/kg UN 43893 SS40010AE SILVER 7440-22-4 O 2 IN 2.4 mg/kg UN IJ 43993 7440-22-4 0 2 IN S\$40091AE SILVER UN 2.3 mg/kg SILVER 2.4 mg/kg 44093 ō 2 IN SS40090AE 7440-22-4 UN IJ 44393 Ô 211 SS40005AE SILVER 7440-22-4 UN 2.3 mg/kg SS40001AE 44593 0 211 SILVER 7440-22-4 2.2 2.2 mg/kg N Ī.ī 44893 0 2 IN SS40070AE SILVER 7440-22-4 UN 3 2.9 mg/kg IJ 45693 Ö 2 IN SS40094AE SILVER 7440-22-4 10 2.9 mg/kg UN J SILVER 7440-22-4 45793 0 2 IN SS40015AE 2.8 mg/kg 10 UN 2||N 10 46193 0 SS40096AF SILVER 7440-22-4 IUN IV 2.5 mg/kg 7440-22-4 46693 6 IN SS40141AF SILVER 4 2 0.9 mg/kg iu IV 46793 6 IN SS40142AE SILVER 7440-22-4 0.92 mg/kg ΊÜ 46893 4 6! IN ISS40143AE SILVER 17440-22-4 10 0.66 mg/kg 10 IV 47093 0 1 IN SS40145AE SILVER 7440-22-4 10 0.64 mg/kg lu. V 7440-22-4 48195 O OFT AS00001PF SILVER 0.81 0.81 mg/kg Ü Z 48295 0 0:FT AS00002PF SILVER 7440-22-4 0.8 0.8 mg/kg 111 48395 0 OFT AS00003PF ISII VER 7440-22-4 0.93 0.93 mg/kg III Z SS40018AE SS400293 0 2 IN SILVER 7440-22-4 2.8 2.8 mg/kg UN IJ SS400393 0 2 IN SS40019AE SILVER 7440-22-4 5 UN iv 1.1 mg/kg SS400593 0 2 IN SS40021AE ISILVER 7440-22-4 5 1.6 mg/kg BN 1.1 SS400693 O 2 IN SS40022AE ISILVER 7440-22-4 5 1.1 mg/kg UN IV SS400793 0 2 IN SS40023AE SILVER 7440-22-4 2.3 2.3 mg/kg UN S\$400893 0 2 IN ISS40024AE SILVER 7440-22-4 3 2.6 mg/kg UN SS401193 ISS40027AE 7440-22-4 2.8 mg/kg 0 2 IN SILVER 3 UN SS401293 SS40028AE 2.2 mg/kg 0 2 IN SILVER 7440-22-4 2.2 UN SS401393 ō 2 IN SS40029AE SILVER 7440-22-4 2.9 2.9 ma/ka UN SS401593 2 IN SS40031AE SILVER 7440-22-4 2.6 2.6 mg/kg UN IJ SS401693 0 2 IN SS40032AE SILVER 7440-22-4 2.1 mg/kg UN IJ SS401893 2 IN SILVER 2 2.2 mg/kg 0 SS40034AE 7440-22-4 UN IJ SS402393 0 2 IN SS40039AE SILVER 7440-22-4 2 2.3 mg/kg UN L 0 2 IN 3 2.7 mg/kg SS402593 SS40041AE SILVER 7440-22-4 UN IJ SS402793 0 2 IN SS40043AE SILVER 7440-22-4 5 1.3 mg/kg BN IJ SS402893 5 0 2 IN SS40044AE SILVER 7440-22-4 2.6 mg/kg IN J SS402993 Oi 2 IN SS40045AE SILVER 7440-22-4 5 1.1 mg/kg UN V SS403093 0 2 IN SS40046AE SILVER 7440-22-4 5 2.5 mg/kg UN V SS403193 0 SS40047AE SILVER 7440-22-4 2 IN 5 1.3 mg/kg UN !V SS403293 5 0 2 IN SS40048AF SILVER 7440-22-4 1.5¦mg/kg LIN īv SS403393 5 0 2 IN !SS40049AE SILVER 17440-22-4 1.4 mg/kg UN V SS403493 SS40050AF 0 2IIN SII VER 17440-22-4 10 2.4 mg/kg ĬŪ īv SS403593 0 2 IN ISS40051AF SILVER 7440-22-4 10 2.3 mg/kg U īv SS403693 0 2 IN SS40052AE SILVER 7440-22-4 10 2.4 mg/kg U īv SS606292 2 IN SS60062WC SILVER 7440-22-4 1.4 mg/kg U ĪV

Table A.1 - Solar Evaporation Ponds AQC - Analytical Results for Surface Soils - Metals A P San W Q. 14. 1 28,80 1 . \$ è ¥ 3 1. LOCATION 4 LAB RESULT SAMPLE DETECTION VALIDATION DEPTH DEPTH LIMIT CODE START *END UNITS NUMBER ANALYTE CAS NO RESULT UNITS QUALIFIER QUALIFIER SILVER SS620292 SS60202WC 7440-22-4 0.91 mg/kg 2 IN 7440-22-4 SSG0102JE SILVER SS810893 3 IN 10 B 0 1.1 mg/kg SILVER SS811193 0 3 IN SSG0105JE 7440-22-4 10 1.1 mg/kg B SILVER 7440-22-4 3 IN SSG0108JE 10 IB ISS811493 0 1.3 mg/kg IJ SODIUM 7440-23-5 05093 0 2 IN SS00002AE 1000 1120 mg/kg IV 7440-23-5 05193 0 2 IN SS00003AF SODIUM 1000 230 mg/kg 111 05393 0 2 IN SS00005AE ISODIUM 7440-23-5 1000 218 mg/kg lu IV 40093 0 2 IN SS40060AF SODIUM 7440-23-5 1372 274 mg/kg III īv 40293 0 2 IN ISS40042AF SODIUM 7440-23-5 2829 283 mg/kg 111 IV 40393 0 2 IN SS40053AF SODIUM 7440-23-5 1295 259 mg/kg TU IV 40693 0 2 IN SS40057AE SODIUM 7440-23-5 1000 1150 mg/kg IB IV 40793 0 2 IN SS40058AE SODIUM 7440-23-5 1000 340 mg/kg 111 IV 40893 0 2 IN SS40004AE SODIUM 7440-23-5 2415.5 242 mg/kg ĪŪ IV 40993 2IN SS40072AE SODIUM 7440-23-5 1000 230 mg/kg 0 U IV 41193 SS40007AE SODIUM 7440-23-5 1802 U 0 2 IN 360 mg/kg 0 SS40071AE SODIUM 7440-23-5 41293 2 IN 1000 300 mg/kg U 41593 SS40073AE 6 IN SODIUM 7440-23-5 1000 3160 mg/kg 41693 841 mg/kg В 2 IN SS40410AE SODIUM 7440-23-5 1337 41793 ō 2IIN SS40077AE SODIUM 7440-23-5 1138 228 mg/kg 238 mg/kg 41993 0 2IN SS40009AE SODIUM 7440-23-5 1192 ĪŪ 42093 0 2 IN SS40480AE SODIUM 7440-23-5 1030 378 mg/kg В 42193 6|IN SS40012AE SODIUM 7440-23-5 1000 1460 mg/kg V 2 IN 42293 0 SS40078AE SODIUM 7440-23-5 Ū 1000 240 mg/kg 42393 2 IN SS40079AE SODIUM ĪŪ īv 0 7440-23-5 214 mg/kg 2141 42593 SS40082AE SODIUM 7440-23-5 988 mg/kg 4 6 IN 1000 В IV 0 2 IN ISS40080AE SODIUM 7440-23-5 1550 42693 310 mg/kg lu IV 42993 0 SS40056AE SODIUM 7440-23-5 2281 2 IN 381|mg/kg lB. IV 43193 O SODIUM 7440-23-5 2 IN SS40084AF 1101 220 mg/kg 111 IV 43393 4 6IN ISS40087AE ISODIUM 7440-23-5 1000 1930 mg/kg IV U 43493 0 2 IN SS40086AE SODIUM 7440-23-5 1000 230 mg/kg LI 43693 4 6 IN SS40089AE ISODIUM 7440-23-5 1000 1070 mg/kg ĬV 43793 0 2 IN SS40088AE SODIUM 7440-23-5 1167 233 mg/kg U 236 mg/kg 43893 0 2 IN SS40010AE SODIUM 7440-23-5 1182 U 43993 0 2 IN SS40091AE SODIUM 7440-23-5 1130 U 226 mg/kg V 44093 0 2IIN SS40090AE SODIUM 7440-23-5 1192 238 mg/kg 44393 O 2 IN SS40005AE SODIUM 7440-23-5 2294 229 mg/kg 44593 0 SS40001AE SODIUM 7440-23-5 2IIN 2199.5 220 mg/kg IU 44893 S\$40070AE SODIUM 2 IN 7440-23-5 1449 290 mg/kg 45693 0 SS40094AE 7440-23-5 1000 2 IN SODIUM 1490 mg/kg 45793 0 2 IN SS40015AE SODIUM 7440-23-5 1000 280 mg/kg U 0 2 IN SS40096AE SODIUM 7440-23-5 1000 1300 ma/ka J 46693 6 IN SS40141AE SODIUM 7440-23-5 V 1000 3660 mg/kg SODIUM 46793 6 IN ISS40142AE 7440-23-5 2460 mg/kg 1000 īV 46893 S\$40143AE 7440-23-5 В 4 6 IN SODIUM 5000 268) mg/kg 47093 O SODIUM 1 IN SS40145AE 7440-23-5 IB IV 5000 92.6; mg/kg 48195 0 AS00001PE SODIUM 7440-23-5 OFT 1540; mg/kg iZ 48295 0 0 FT AS00002PE SODIUM 7440-23-5 1240 mg/kg 1 Z 48395 OFT AS00003PF SODIUM 7440-23-5 B 0 1230 mg/kg 2 SS400293 0 2 IN SS40018AE SODIUM 7440-23-5 2848 6 285 mg/kg IU SS400393 0 2 IN ISS40019AF SODIUM 7440-23-5 1000 213 mg/kg ĺΰ IV SS400593 0 2 IN SS40021AF SODIUM 7440-23-5 1000 204 mg/kg ĪŪ īV SS400693 0 2 IN SS40022AF SODIUM 7440-23-5 1000 214 mg/kg ĪŪ IV 233 mg/kg SS400793 n 2 IN SS40023AE SODIUM 7440-23-5 2325.3 ĪÜ iV SS400893 o 2 IN SS40024AE SODIUM 7440-23-5 1305 261 mg/kg U V SS401193 0 2 IN SS40027AE SODIUM 7440-23-5 1408 īV 282 mg/kg 224 mg/kg SS401293 0 2 IN SS40028AE SODIUM 7440-23-5 2240.1 IV \$\$401393 0 2 IN SS40029AE SODIUM 7440-23-5 2890.6 W 901 mg/kg SS401593 0 SS40031AE SODIUM 7440-23-5 2 IN 2587.3 259 mg/kg SS401693 SS40032AE 7440-23-5 212 mg/kg ō 2 IN SODIUM 1062 SS401893 Ū 2 IN SS40034AE SODIUM 7440-23-5 1101 220 mg/kg SS402393 Ō 2 IN SS40039AF SODIUM 7440-23-5 1157 231 mg/kg U IV SS402593 0 2 IN SS40041AE SODIUM 7440-23-5 1342 268 ma/ka IU IV SS402793 O 2 IN SS40043AE SODIUM 7440-23-5 1000 212 mg/kg U IV 2 IN SS402893 ISS40044AE SODIUM 7440-23-5 ō 1000 390 mg/kg IB IV SS402993 2IIN SS40045AE SODIUM 7440-23-5 1000 212 mg/kg ĪV 0 U 2 IN SS40046AE SODIUM SS403093 Ö 7440-23-5 1000 1620 mg/kg B IV SS403193 SS40047AE 0 2 IN SODIUM 7440-23-5 1000 2440 mg/kg V SS403293 U 0 2 IN SS40048AE SODIUM 7440-23-5 310 mg/kg 1000 W SS403393 SS40049AE SODIUM 0 2 IN 7440-23-5 1000 1270 mg/kg B iV SS403493 2 IN SS40050AE SODIUM 0 7440-23-5 1000 240 mg/kg ill IV SS403593 SS40051AE SODIUM 7440-23-5 0 2 IN 1000 227 mg/kg U IV SS403693 2 IN SODIUM îũ O SS40052AF 7440-23-5 1000 245 mg/kg 111 SS60062WC SS606292 0 2 IN SODIUM 7440-23-5 1000 83.3 mg/kg B īV SS620292 0 2 IN SS60202WC SODIUM 7440-23-5 1000 48.3 mg/kg B iv SS810893 3 IN ISSG0102JE SODIUM 7440-23-5 5000 255 mg/kg В IV

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals and the all ***. L. A. W. W. 287 8 11. W. U. W. War All Co 1 with the state of ji. 献 化量 444 and some LOCATION DEPTH DEPTH SAMPLE DETECTION LAB RESULT *VALIDATION CODE END UNITS NUMBER LIMIT RESULT UNITS QUALIFIER QUALIFIER START ANALYTE* CAS NO. SS811193 3: IN SSG0105JE SODIUM 7440-23-5 5000 93.3;mg/kg 133 mg/kg SS811493 n 3 IN SSG0108JE SODIUM 7440-23-5 5000 U 05093 0 2 IN SS00002AE STRONTIUM 7440-24-6 63.2 mg/kg 05193 0, 2 IN SS00003AE STRONTIUM 7440-24-6 5 150 mg/kg 05393 ō 2 IN SS00005AF STRONTIUM 7440-24-6 1.1 mg/kg ÎŪ 40093 O 2 IN SS40060AE STRONTIUM 7440-24-6 55 52.1 mg/kg ĪΒ 40293 0 2 IN SS40042AE STRONTIUM 7440-24-6 57 38.9 mg/kg 40393 O 2 IN SS40053AE STRONTIUM 7440-24-6 52 56.5 mg/kg 40693 SS40057AE 7440-24-6 96.7 mg/kg 0 2 IN STRONTIUM 5 40793 0 2 IN SS40058AE STRONTIUM 7440-24-6 5 40.5 mg/kg В 40893 SS40004AE STRONTIUM 7440-24-6 48.3 52.9 ma/ka 0 40993 SS40072AF STRONTIUM 7440-24-6 35.9 mg/kg В 41193 2 IN SS40007AE STRONTIUM 7440-24-6 72 65.3 mg/kg IB 41293 0 2 IN SS40071AE STRONTIUM 7440-24-6 5 44.1 mg/kg !B IJ 41593 SS40073AE STRONTIUM 7440-24-6 4 6 IN 5 B. 12.4 mg/kg IJ 41693 0 21IN ISS40410AE STRONTIUM 7440-24-6 53 90.9 mg/kg J 41793 SS40077AE 0 2 IN STRONTIUM 7440-24-6 46 50.1 mg/kg 41993 Ö SS40009AF B 2 IN STRONTIUM 7440-24-6 48 30 mg/kg 42093 0 2 IN SS40480AE STRONTILIM 7440-24-6 41 19.3 mg/kg В 42193 6 IN SS40012AF STRONTILIM 7440-24-6 -5 6.3 mg/kg В 110 mg/kg 42293 0 2 IN SS40078AF STRONTIUM 7440-24-6 5 42393 0 2 IN SS40079AF ISTRONTIUM 7440-24-6 43 33.3 mg/kg B STRONTIUM 42593 4 6 IN SS40082AF 7440-24-6 5 В 11.7 mg/kg 42693 0 2 IN ISS40080AE STRONTIUM 7440-24-6 62 28 mg/kg B 42993 0 2 IN SS40056AE STRONTIUM 7440-24-6 46 48.4 mg/kg IJ 43193 ō 2 IN SS40084AE STRONTIUM 7440-24-6 44 68.1 mg/kg 43393 4 6 IN SS40087AE STRONTIUM 7440-24-6 В 5 9.3 mg/kg 43493 0 2 IN SS40086AE STRONTIUM 7440-24-6 170 mg/kg 43693 6 IN SS40089AE STRONTIUM 4 7440-24-6 В 6.1 mg/kg IJ 43793 o SS40088AE STRONTIUM 7440-24-6 47 50.1 mg/kg 43893 0 2 IN SS40010AE STRONTIUM 7440-24-6 47 147 mg/kg IJ 43993 0 SS40091AE STRONTIUM 7440-24-6 45 37.1 mg/kg В 44093 o 2 IN SS40090AE STRONTIUM 7440-24-6 145 mg/kg ŤΤ 48 44393 0 2 IN SS40005AE STRONTIUM 7440-24-6 46 64.8 mg/kg iJ 44593 0 2 IN SS40001AE STRONTIUM 7440-24-6 44 R 43.3 mg/kg IJ 44893 2 IN SS40070AE STRONTIUM Oi 7440-24-6 58 54.3 mg/kg В 45693 0 2 IN ISS40094AE STRONTIUM 7440-24-6 5 92.9 mg/kg 45793 O 2 IN SS40015AF ISTRONTIUM 7440-24-6 5 46.4 mg/kg В J 46193 0 2 IN SS40096AE ISTRONTIUM 7440-24-6 5 106 mg/kg 46693 В 4 6 IN SS40141AF ISTRONTIUM 7440-24-6 40 7 mg/kg 46793 5.7 mg/kg 4 6IIN SS40142AE ISTRONTIUM 7440-24-6 40 В 46893 4 6 IN SS40143AF STRONTIUM 7440-24-6 200 23 mg/kg В 47093 0 1 IN SS40145AE STRONTIUM 7440-24-6 200 27.6 mg/kg 48105 O OFT AS00001PE STRONTIUM 7440-24-6 17.6 mg/kg В 48295 O OFT AS00002PE STRONTIUM 7440-24-6 B 15.4 mg/kg 48395 OFT A\$00003PE STRONTIUM 7440-24-6 17.5 mg/kg В Z SS400293 2 IN SS40018AE STRONTIUM 0 7440-24-6 57 31.4 mg/kg В J SS400393 õ 2 IN SS40019AE STRONTIUM 7440-24-6 5 39.8 mg/kg В SS400593 0 2 IN SS40021AE STRONTIUM 7440-24-6 5 22 mg/kg B SS400693 2 IN SS40022AF STRONTIUM 7440-24-6 38.4 mg/kg B 1.1 SS400793 2 IN SS40023AE STRONTIUM 7440-24-6 46.5 149 mg/kg IJ SS400893 2 IN SS40024AE STRONTIUM 7440-24-6 В 52 39.3 mg/kg SS401193 0 2 IN SS40027AE STRONTIUM 7440-24-6 56 48.2 mg/kg В J SS401293 0 2 IN STRONTIUM SS40028AE 7440-24-6 44.8 21.5 mg/kg B SS401393 STRONTIUM 0 2 IN SS40029AE 7440-24-6 57.8 71 mg/kg J SS401593 2IN 0 SS40031AE STRONTIUM 7440-24-6 51.7 53.5 mg/kg SS401693 STRONTIUM 0 2 IN SS40032AF 7440-24-6 В 42 14.1 mg/kg 0 SS401893 2 IN SS40034AE ISTRONTIUM 7440-24-6 44 10.4 mg/kg B SS402393 0 2 IN SS40039AF STRONTIUM 7440-24-6 46 В 26 mg/kg SS402593 0 2:IN SS40041AE STRONTIUM 7440-24-6 54 46.11 mg/kg В SS402793 O 2 IN SS40043AE STRONTIUM 7440-24-6 5 23.6 mg/kg В J 2 IN SS402893 n SS40044AE STRONTIUM 7440-24-6 5 27.4 mg/kg В SS402993 0 2 IN SS40045AE STRONTIUM 7440-24-6 5 123 mg/kg SS403093 0 2 IN SS40046AE STRONTIUM 7440-24-6 5 510 mg/kg IJ SS403193 ō 2 IN SS40047AE STRONTIUM 7440-24-6 5 60.8 mg/kg SS403293 0 2 IN SS40048AE STRONTIUM 7440-24-6 5 80 mg/kg SS403393 0 2 IN SS40049AE STRONTIUM 7440-24-6 5 86.5 mg/kg J SS403493 0 2 IN SS40050AE STRONTIUM 7440-24-6 5 51 mg/kg SS403593 0 SS40051AE 2 IN STRONTIUM 7440-24-6 31.2 mg/kg В IJ SS403693 ō 2! IN SS40052AE STRONTIUM 7440-24-6 53 mg/kg SS606292 ij 0 2 IN ISS60062WC STRONTIUM 7440-24-6 В 40 23.7 mg/kg ō SS620292 2 IN SS60202WC STRONTIUM 7440-24-6 40 19.1 mg/kg В IJ SS810893 0 3 IN SSG0102JE STRONTIUM 7440-24-6 200 15.9 mg/kg B SS811193 0 3 IN SSG0105JE STRONTIUM 7440-24-6 200 6.7 mg/kg B IV

257

SS811493

3 IN

SSG0108JE

7440-24-6

200

25.9 mg/kg

B

IV

STRONTIUM

| 1 | ` 8 | Вү/ви | 18.66 | . 49 | 7440-31-5 | NIT | 3A2400428E | S NI | Z 10 |) | 583 |
|---------------------------------------|-------------|-----------------------------|-------------------|---------------|------------------------|----------------|------------------------|---------------------------------------|------|-----------|--------------------|
| | 2 | | 7.6Z | 39 | 3-16-0447 | | | | | | €60 |
| | <u>ר</u> | | 1 2.S.S 1 8.08 | 001 | 3-15-0447 | | | | | | £66 |
| | | | | 001 | 2-15-0447 | | | | | | 193 |
| <u>`</u> | | · | | 01 | 7440-28-0 | | | | | | 811493 |
| ^ | | | EE.0 | 01 | 7440-28-0 | | | | | | 5611183 |
| ^ | V n | ыд/ка | 1,6E.0 | 101 | 7440-28-0 | | | | | | £68018 |
| |] 8 | Бү/би | 4.0 | 7 | 7440-28-0 | MUIJJAHT | 2260202WC | NI NI | O 5 | | 262029 |
| | ` `n | | IES.0 | 7 | 7440-28-0 | | | | | | 262909 |
| ^ | | | | 2 | 7440-28-0 | | | | | | £69£0 7 |
| ^ | | | | <u>Z</u> | 7440-28-0 | | | | | | 103593 |
| ^ | | | | <u>z</u> | 7440-28-0 | | | | | | 664604 |
| | , u | | | Z Z | 7440-28-0 | | | | | | 403393 |
| | | | | 2 | 7440-28-0 | | | | | | £6020 5 |
| | MO | | | Z | 7440-28-0 | | | | | | 402893 |
| | 1 MN | | | 2 | 7440-28-0 | | | | | | 402793 |
| ^ | | | 1Z.0 | ε | 7440-28-0 | | | | | | 402203 |
| ^ | | | EZ.0 | Z | 7440-28-0 | | | | | | £6520Þ |
| ^ | .i 8 | | | Z | 7440-28-0 | | | | | | 668105 |
| ^ | (n | 6y/k∂ ш ∂ /k∂ | 12.0 | 2 | 7440-28-0 | | 2840032AE | | | | £6910 1 |
| ^ | | | | 9.2 | 7440-28-0 | MUIJJAHT | SA1600A22 | NI | 2 0 | | 401593 |
| | | | | 5.5 | 7440-28-0 | MUIJJAHT | 3A62004S | NI | 0 5 | | £6610 1 |
| ^ | | | | 2.2 | 7440-28-0 | | | | | | 401293 |
| ^ | | | | 8 | 0-8Z-0447 | | | | | | £61104 |
| ^ | | | | ε | 7440-28-0 | | | | | | £6800¢ |
| | | | | £.S | 7440-28-0 | | | | | | £6700p |
| <u> </u> | | | | 2 | 7440-28-0 | | SASSODASS | | | | €6900₽ |
| | | | 1120 | Z Z | 7440-28-0 | | | | | | £6900Þ |
| <u>΄</u> | | | | 8.2 | 7440-28-0 | | | | | | £6£007 |
| Z | | | | 98.0 | 0-82-0447 7440-28-0 | | AS00003PE SS40018AE | | | | 400293 |
| Z | NU | | 87.0 | 87.0 | 7440-28-0 | | 39500002A | | | | 968 |
| Ž | NU | | 47.0 | 47.0 | 7440-28-0 | MUIJJAHT | 39100002A | | | | S61 |
| | | | | 01 | 7440-28-0 | | 3A2410488 | | | | £60 |
| . ^ | | | | OI | 7440-28-0 | | SAEATOAZZ | | | | 268 |
| r | | | | Z | 7440-28-0 | MUITIAHT | SS40142AE | | | | €62 |
| ۸ | | | | Z | 7440-28-0 | | | | | | 869 |
| ۸ | ì | | 64.0 | 2 | 7440-28-0 | | | | | | 861 |
| ſ | •NU | ₩∂\k6 | 99.0 | Z | 7440-28-0 | MUIJJAHT | SA21001SRE | | | | €62 |
| ſ | | | 86.0 | 7 | 7440-28-0 | MULLIAHT | 3A46004SS | NI | | | 869 |
| ſ | | | | 3 | 7440-28-0 | MUIJJAHT | 3A0700422 | NI | | | €68 |
| | | | SS.0 | 2.2 | 7440-28-0 | MUIJJAHT | 3A10001AE | ! NI | Z 0 | | £69 |
| ^ | | | | 2 | 7440-28-0 | MUIJJAHT | 3A30004SS | | | | £68 |
| <u>r</u> | | | | 2 | 7440-28-0 | MUIJJAHT | | | | | 593 |
| Ţ | | | | 2 | 7440-28-0 | | 3A1600PSS | | | | 593 |
| 1 | | | | 2 | 7440-28-0 | | | | | | 893 |
| ^ | | | | Z Z | 7440-28-0 | | 3A8800+2S | | | ****** | €62 |
| | | | | 2 | 0-82-0447 | | SS40089AE | | | | £69 |
| <u> </u> | | | | 2 | 0-82-0447 | | 3A7800422 | · · · · · · · · · · · · · · · · · · · | | | £61 |
| | | | | 2 | 0-82-0447 | MUIJJAHT | 3A4800422 | | | | E69 |
| <u>,</u> | | | · | 2 | 0-82-0447 | | 3A6800A22 | | | | 266 |
| | | | 59.0 | 8 | 7440-28-0 | | | | | | £69 |
| · · · · · · · · · · · · · · · · · · · | | | | 2 | 0-82-0447 | | 3A2800422 | | | | 869 |
| | | | | 2 | 7440-28-0 | | | | | ********* | 869 |
| <u>۲</u> | | | | Z | 7440-28-0 | | | · | | | €6 |
| ۸ | | | | 2 | 7440-28-0 | MULLIAHT | | | | | €6 |
| Λ | | w∂∖k∂ | 12.0 | Z | 7440-28-0 | MUIJJAHT | | | | | £60 |
| ^ | n | | | 2 | 7440-28-0 | MULLAHT | 3A40004SS | | | | €66 |
| r | | | | 2 | 7440-28-0 | | SS40077AE | | | | €62 |
| | | | | ε | 7440-28-0 | | | | | | 869 |
| ŗ | | | | <u>Z</u> | 7440-28-0 | | | **** | | | £69 |
| | | | | 2 | 7440-28-0 | | | | | | £63 |
| ſ | | | | 7 | 7440-28-0 | | | | | | E61 |
| | | | | Z | 7440-28-0 | MUIJJAHT | | | | | £66 |
| Λ. | | | | 2.4 | 7440-28-0 | MULLIAHT | | | | | £68 |
| Λ Λ | | | | 7 | 7440-28-0 | MULLIUM | | | | | 264 |
| γ | | | | 3 | 0-82-0447 | | | | | | £69 £69 |
| | | | | £ | 7440-28-0 | | | | | | £63 |
| | | | | <u>ε</u> ζ | 0-82-0447 | MUIJJAHT: | | | | | £68 |
| | | | | 2 | 7440-28-0 | MUIJJAHT | | | | | £61 |
| Ň | | | | 7 | 0-82-0447 | MUIJJAHT | 35000022 | | | | 260 |
| OUALIFIER | OUALIFIER | ANAMON - MINER ENVIOURED | TIUSER | רושוז | CV2 NO | ETYJANA | NUMBER | | | PATS | 3000 |
| | LAB RESULT | * * * | 55 m | DETECTION | | | SAMPLE: | | | TG30 | NOITAC |
| | - 18 🕸 63 A | 44 | 12 8 8 | 12.00 | 100 | | | | | * * | |
| | | 4.1 | × ** | | | | | | | | |



| LOCATION CODE | s. 🝿 . s. | - B A | | 335 W (20) | | 10000 | * * * * 1 | | . 4 6 24 | 1 × 1 × 1 | 2. 新·伊·滕 并 |
|------------------------|-----------|--|-------------------|--|---|------------------------|-----------|--|----------------|--|---|
| LOCATION | 25 | | | | | | | | | | |
| | DEPTH | DEPTH | | SAMPLE | \$ 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 900000 | DETECTION | 400 | 1 10 m | LAB DECLIT | VALIDATION |
| | START | END | UNITS | NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | HINITS | | QUALIFIER |
| 40393 | 1212171 | Approved to the second of the second | | SS40053AE | TIN | 7440-31-5 | 52 | The state of the state of the state of | mg/kg | | |
| 40693 | 0 | | | SS40057AE | TIN | 7440-31-5 | 100 | | mg/kg | | J |
| 40793 | | ************************************** | | SS40057AE | TIN | 7440-31-5 | 100 | | mg/kg | | |
| | 0 | | | | | | | | | | J |
| 40893 | 0 | | | SS40004AE | TIN | 7440-31-5 | 48.3 | | mg/kg | | <u>J</u> |
| 40993 | 0 | | | SS40072AE | | 7440-31-5 | 100 | | mg/kg | | J |
| 41193 | 0 | | | SS40007AE | | 7440-31-5 | 72 | | mg/kg | | J |
| 41293 | - 0 | | | SS40071AE | TIN | 7440-31-5 | 100 | | mg/kg | | J . |
| 41593 | 4 | | | SS40073AE | | 7440-31-5 | 100 | | mg/kg | | J |
| 41693 | 0 | | | SS40410AE | | 7440-31-5 | 53 | | mg/kg | | J |
| 41793 | 0 | | | SS40077AE | | 7440-31-5 | 46 | | mg/kg | | J |
| 41993 | 0 | | | SS40009AE | | 7440-31-5 | 48 | | mg/kg | | J |
| 42093 | 0 | | | SS40480AE | | 7440-31-5 | 41 | | mg/kg | | J |
| 42193 | 4 | | | | | 7440-31-5 | 100 | | mg/kg | | J |
| 42293 | 0 | | | SS40078AE | | 7440-31-5 | 100 | | mg/kg | | J |
| 42393 | 0 | | | SS40079AE | | 7440-31-5 | 43 | | mg/kg | | J |
| 42593 | 4 | | | SS40082AE | | 7440-31-5 | 100 | 21 | mg/kg | | J |
| 42693 | 0 | | | SS40080AE | | 7440-31-5 | 62 | | mg/kg | | J |
| 42993 | 0 | | | SS40056AE | | 7440-31-5 | 46 | | mg/kg | | J |
| 43193 | 0 | | | SS40084AE | TIN | 7440-31-5 | 44 | | mg/kg | | J |
| 43393 | 4 | | | SS40087AE | | 7440-31-5 | 100 | | mg/kg | | J |
| 43493 | 0 | | | SS40086AE | | 7440-31-5 | 100 | | mg/kg | | J |
| 43693 | 4 | | | SS40089AE | | 7440-31-5 | 100 | | mg/kg | | J |
| 43793 | 0 | | | SS40088AE | TIN | 7440-31-5 | 47 | | mg/kg | | J |
| 43893 | 0 | | | SS40010AE | · · · · · · · · · · · · · · · · · · · | 7440-31-5 | 47 | | mg/kg | | J |
| 43993 | 0 | | | S\$40091AE | | 7440-31-5 | 45 | 22.6 | mg/kg | | J |
| 44093 | 0 | | | SS40090AE | | 7440-31-5 | 48 | 23.8 | mg/kg | U | J |
| 44393 | 0 | | IN I | SS40005AE | TIN | 7440-31-5 | 46 | | mg/kg | | J · |
| 44593 | 0 | 2 | IN | SS40001AE | TIN | 7440-31-5 | 44 | 22 | mg/kg | U | J |
| 44893 | 0 | 2 | IN | SS40070AE | TIN | 7440-31-5 | 58 | 29.5 | mg/kg | В | J |
| 45693 | 0 | 2 | IN | SS40094AE | TIN | 7440-31-5 | 100 | | mg/kg | U | J |
| 45793 | 0 | 2 | IN | SS40015AE | TIN | 7440-31-5 | 100 | | mg/kg | | J |
| 46193 | 0 | 2 | IN | SS40096AE | TIN | 7440-31-5 | 100 | 24.7 | mg/kg | | J |
| 46693 | . 4 | | IN | SS40141AE | TIN | 7440-31-5 | 40 | | mg/kg | ************************************** | J |
| 46793 | 4 | 6 | | | | 7440-31-5 | 40 | | mg/kg | | J |
| 46893 | 4 | | | SS40143AE | | 7440-31-5 | 200 | | mg/kg | | J |
| 47093 | 0 | | | | | 7440-31-5 | 200 | | mg/kg | | j |
| 48195 | 0 | | | | TIN | 7440-31-5 | 4.3 | | mg/kg | | Z |
| 48295 | 0 | | | A\$00002PE | | 7440-31-5 | 4.3 | | mg/kg | | Z |
| 48395 | ō | | | | | 7440-31-5 | 4.9 | | mg/kg | | Ž |
| SS400293 | O | | | | | 7440-31-5 | 57 | | mg/kg | | <u>-</u> |
| SS400393 | 0 | | | | | 7440-31-5 | 100 | ***** | mg/kg | | J |
| SS400593 | ō | | | | | 7440-31-5 | 100 | | mg/kg | | J |
| SS400693 | 0 | | | | | 7440-31-5 | 100 | | mg/kg | | J |
| SS400793 | 0 | | | SS40023AE | | 7440-31-5 | 46.5 | | mg/kg | | j |
| \$\$400893 | ō | | | | | 7440-31-5 | 52 | | mg/kg | ÷ | j |
| SS401193 | 0 | | | | | 7440-31-5 | 56 | | mg/kg | | J |
| S\$401293 | 0 | | | | | 7440-31-5 | 44.8 | | mg/kg | | j |
| SS401393 | 0 | | | | | 7440-31-5 | 57.8 | | mg/kg | | J |
| SS401593 | 0 | | | | | 7440-31-5 | 51.7 | | mg/kg | | j |
| SS401693 | 0 | | | SS40032AE | | 7440-31-5 | 42 | | mg/kg | | j |
| SS401893 | 0 | | | \$\$40032AE | | 7440-31-5 | 44 | | mg/kg | | J |
| SS402393 | 0 | | ~~ ~~~ | ······································ | | 7440-31-5 | 46 | | mg/kg | | <u>, </u> |
| SS402593 | 0 | | | SS40041AE | | 7440-31-5 | 54 | | mg/kg | | <u>J</u> |
| SS402793 | 0 | | | SS40041AE SS40043AE | | 7440-31-5 | 100 | | mg/kg | | <u>J</u> |
| SS402893 | 0 | | | | | 7440-31-5 | 100 | | mg/kg | | j |
| SS402993 | . 0 | | | | | 7440-31-5 | 100 | | | | J . |
| SS403093 | 0 | | | | | 7440-31-5 | 100 | | | | J |
| SS403193 | 0 | | | | ···· | 7440-31-5 | 100 | | | | J |
| SS403193 | 0 | | | | | 7440-31-5 | 100 | | mg/kg | | |
| SS403293 | 0 | | | | | 7440-31-5 | 100 | | | | <u>J</u> |
| SS403393 | 0 | | | | | 7440-31-5 | 100 | | | | <u>J</u> |
| SS403493 SS403593 | 0 | | | | | 7440-31-5 | 100 | | | | J |
| SS403593 SS403693 | 0 | | | | | 7440-31-5 7440-31-5 | | | | | <u> </u> |
| S6606292 | 0 | | | | | 7440-31-5 | 100 | | mg/kg mg/kg | | J |
| SS620292 | 0 | | | | | 7440-31-5 | 40 | | mg/kg mg/kg | | J |
| SS810893 | 0 | | | | | 7440-31-5 7440-31-5 | 200 | | mg/kg mg/kg | | |
| SS811193 | | | | | | | | | | | V |
| | 0 | | | | | 7440-31-5 | 200 | | mg/kg | | <u>v</u> |
| SS811493 | 0 | | | | | 7440-31-5 | 200 | | | | V |
| 48195 | 0 | | | | | 7440-32-6 | | | mg/kg | | Z |
| 48295 4830 <i>5</i> | 0 | | | | | 7440-32-6 | | | mg/kg | | <u>z</u> |
| 48395 | 0 | | | | | 7440-32-6 | | | mg/kg | | <u>z</u> |
| 48195 | 0 | | | AS00001PE | | 11-09-6 | 26.2 | | | | <u>z</u> |
| 48295 | 0 | | | AS00002PE | | 11-09-6 | 25.8 | | | | Z |
| 48395 05093 | 0 | | | | | 11-09-6 | 30 | | mg/kg | | Z . |
| | 0 | 2 | IN I | SS00002AE | VANADIUM | 7440-62-2 | 10 | 40.9 | mg/kg | | V |

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

| A An As | 49 - 124 - | 8 . 2 | rable | A.I - SUIAI EVA | ooration Ponds AOC - | Allalytical K | | | | A Symology | St. No. 1 |
|----------------------|------------|--------------|-------|------------------------|---|------------------------|-----------|---|----------------|--------------|---------------|
| | 3 | | | | | (%) (N) (N) | | | | 1103 | |
| LOCATION | DEPTH | DEPTH | à à | SAMPLE | 7 × 🕸 - 3 - 3 | and the second | DETECTION | g Sol | A | LAB RESULT | *VALIDATION |
| CODE | START | | NITS | | ANALYTE | CAS NO. | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 05193 | 0 | 2 IN | | SS00003AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 05393 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| 40093 | O; | | | | | 7440-62-2 | 14 | | mg/kg | | V |
| 40293 | 0 | 2IN | | | | 7440-62-2 | 14 | | mg/kg | | V |
| 40393 | 0 | | | | | 7440-62-2 | 13 | | mg/kg | | V |
| 40693 | 0! | | | SS40057AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 40793 | 0 | | | SS40058AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 40893 40993 | 0 <u>1</u> | 2 IN 2 IN | | SS40004AE SS40072AE | | 7440-62-2 7440-62-2 | 12.1 | | mg/kg mg/kg | | V |
| 41193 | 0; | 2 IN | | SS4007ZAE | | 7440-62-2 | 18 | | mg/kg mg/kg | | IV IV |
| 41293 | 0 | 2:IN | | SS40071AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 41593 | 4 | 6 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| 41693 | 0 | 2 IN | | | *************************************** | 7440-62-2 | 13 | | mg/kg | | v |
| 41793 | 0 | 2 IN | | SS40077AE | | 7440-62-2 | 11 | | mg/kg | | V |
| 41993 | 0 | 2 IN | | SS40009AE | | 7440-62-2 | 12 | | mg/kg | | V |
| 42093 | 0 | 2 IN | | SS40480AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 42193 | 4 | 6 IN | | SS40012AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 42293 | 0 | 2 IN | | SS40078AE | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 42393 | 0 | 2 IN | | S\$40079AE | VANADIUM | 7440-62-2 | 11 | | mg/kg | | V |
| 42593 | 4 | 6 IN | | SS40082AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 42693 | 0 | 2 IN | | S\$40080AE | | 7440-62-2 | 16 | 26.3 | mg/kg | | V |
| 42993 | 0 | 2 IN | | SS40056AE | | 7440-62-2 | 11 | 18.5 | mg/kg | | V |
| 43193 | 0 | 2 IN | | SS40084AE | | 7440-62-2 | 11 | | mg/kg | | V |
| 43393 | 4 | 6 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| 43493 | 0 | 2 IN | | SS40086AE | | 7440-62-2 | 10 | | mg/kg | | ٧ |
| 43693 | 4 | 6 IN | | SS40089AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 43793 | 0 | 2 IN | | SS40088AE | | 7440-62-2 | 12 | | mg/kg | | V |
| 43893 | 0 | 2 IN | | SS40010AE | | 7440-62-2 | 12 | | mg/kg | | V |
| 43993 | 0, | 2 IN | | SS40091AE | | 7440-62-2 | 11 | | mg/kg | | V |
| 44093 44393 | 0 | 2 IN | | SS40090AE SS40005AE | | 7440-62-2 7440-62-2 | 12 | 28.4 | mg/kg | | V V |
| 44593 44593 | 0 | 2 IN | | SS40003AE | | 7440-62-2 | 11 | | mg/kg | | V V |
| 44893 | 0 | 2 IN | | | | 7440-62-2 | 14 | | mg/kg mg/kg | | V |
| 45693 | 0 | 2 IN | | SS40070AE | | 7440-62-2 | 10 | 33.0 | mg/kg | | V |
| 45793 | 0 | 2 IN | | SS40015AE | | 7440-62-2 | 10 | | mg/kg | | v · |
| 46193 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| 46693 | 4 | 6 IN | | SS40141AE | | 7440-62-2 | 10 | 25.1 | mg/kg | | V |
| 46793 | 4 | 6 IN | | SS40142AE | | 7440-62-2 | 10 | | mg/kg | | V |
| 46893 | 4 | 6 IN | | SS40143AE | | 7440-62-2 | 50 | 30.7 | mg/kg | 1 | J |
| 47093 | 0 | 1/IN | | SS40145AE | VANADIUM | 7440-62-2 | 50 | | mg/kg | | J |
| 48195 | 0 | 0;FT | r | AS00001PE | | 7440-62-2 | 1 | 36.8 | mg/kg | | Z |
| 48295 | 0 | 0 FT | | AS00002PE | | 7440-62-2 | | | mg/kg | | Z |
| 48395 | 0 | 0;FT | | | | 7440-62-2 | | | mg/kg | i | Z |
| SS400293 | 0 | 2 IN | | SS40018AE | | 7440-62-2 | 14.2 | | mg/kg | | V |
| SS400393 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| SS400593 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| S\$400693 | 0 | 2 IN | | SS40022AE | | 7440-62-2 | 10 | 24.2 | mg/kg | | V |
| SS400793 | 0 | 2 IN | | | | 7440-62-2 | 11.6 | | mg/kg | | V |
| SS400893 SS401193 | 0 | 2 IN 2 IN | | SS40024AE SS40027AE | | 7440-62-2 7440-62-2 | 13 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | mg/kg | | V V |
| SS401193 SS401293 | 0 | 2 IN | | SS40027AE SS40028AE | | 7440-62-2 | 11.2 | | mg/kg mg/kg | | <u>v</u> |
| SS401293 | 0 | 2 IN | | | | 7440-62-2 | 14.5 | | rng/kg | | * |
| SS401593 | 0 | 2 IN | | | | 7440-62-2 | 12.9 | | mg/kg | | v |
| SS401693 | 0 | 2 IN | | | | 7440-62-2 | 11 | | mg/kg | | v |
| SS401893 | o | 2 IN | | | | 7440-62-2 | 11 | | mg/kg | | v v |
| SS402393 | 0 | 2 IN | | | | 7440-62-2 | 12 | | mg/kg | | V |
| SS402593 | 0 | 2:IN | | SS40041AE | | 7440-62-2 | 13 | | mg/kg | | V |
| S\$402793 | 0 | 2 IN | | | | 7440-62-2 | 10 | 26.5 | mg/kg | | V |
| SS402893 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| SS402993 | 0 | 2:IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| \$S403093 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| \$\$403193 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| SS403293 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| SS403393 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | <u>v</u> |
| SS403493 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | <u>v</u> |
| SS403593 | 0 | 2 IN 2 IN | | | | 7440-62-2 | 10 | | mg/kg | | V |
| SS403693 SS606292 | 0 | 2:IN 2:IN | | | · | 7440-62-2 7440-62-2 | 10 | 44.6 | mg/kg mg/kg | | <u>v</u> v |
| SS620292 | 0 | 2 IN | | | | 7440-62-2 | 10 | | mg/kg mg/kg | | <u> </u> |
| SS810893 | 0 | 3:IN | | | | 7440-62-2 | 50 | | mg/kg | | v V |
| SS811193 | 0 | 3:IN | | | | 7440-62-2 | 50 | | | | v |
| SS811493 | 0 | 3, IN | | | | 7440-62-2 | 50 | | mg/kg | | v |
| 05093 | 0 | 2 IN | | | | 7440-66-6 | 10 | | mg/kg | | Š |
| | | | | | | 7440-66-6 | 10 | | mg/kg | | j |
| 05193 | 0 | 2 IN | . 1 | SS00003AE | ZING | 7440-00-0 | 101 | 33 | mg/kg | 1 1 | J |



| | | Table | | poration Ponds AOC - | | | | | Tager - sector | 4 1794A 714A 7 |
|--------------------------|----------|----------------------|-------------------------|--|-------------------------------------|----------------|--------|-------------------------|---|----------------|
| LOCATION | DEPTH | DEPTH | SAMPLE | | | DETECTION | | | LAB RESULT | VALIDATION |
| CODE | START | END UNITS | | ANALYTE | CAS NO. | LIMIT | RESULT | UNITS | QUALIFIER | |
| 40093 | 0, | 2 IN | SS40060AE | ZINC | 7440-66-6 | 5 | | mg/kg | | V |
| 40293 | 0 | 2 IN | SS40042AE | | 7440-66-6 | 6 | | mg/kg | 1 | V |
| 40393 | 0 | 2 IN | SS40053AE | ZINC | 7440-66-6 | . 5 | | mg/kg | | J |
| 40693 | 0 | 2 IN | SS40057AE | | 7440-66-6 | 10 | | mg/kg | | V |
| 40793 | 0 | 2 IN | SS40058AE | | 7440-66-6 | 10 | | mg/kg | | V |
| 40893 | 0 | 2 IN | ISS40004AE | | 7440-66-6 | 4.8 | | mg/kg | | V |
| 40993 | 0 | 2 IN | SS40072AE | | 7440-66-6 | 10 | | mg/kg | | <u>v</u> |
| 41193 | 0 | 2 IN | ISS40007AE | | 7440-66-6 | 7 | | mg/kg | | <u>V</u> |
| 41293 41593 | 0 4 | 2 IN 6 IN | SS40071AE SS40073AE | ZINC | 7440-66-6 7440-66-6 | 10 10 | | mg/kg mg/kg | | V |
| 41693 | 0 | 2 IN | SS40073AE | | 7440-66-6 | 5 | | mg/kg | | V |
| 41793 | 0 | 2 IN | SS40077AE | | 7440-66-6 | 5 | | mg/kg | E | j |
| 41993 | 0 | 2 IN | S\$40009AE | | 7440-66-6 | 5 | | mg/kg | | V |
| 42093 | 0 | 2 IN | SS40480AE | | 7440-66-6 | 4 | | mg/kg | <u> </u> | V |
| 42193 | 4 | 6 IN | SS40012AE | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| 42293 | 0 | 2 IN | SS40078AE | ZINC | 7440-66-6 | 10 | 40.1 | mg/kg | | V |
| 42393 | 0 | 2 IN | SS40079AE | | 7440-66-6 | 4 | 67.4 | mg/kg | | V |
| 42593 | 4 | 6 IN | SS40082AE | | 7440-66-6 | 10 | | mg/kg | | V |
| 42693 | 0 | 2 IN | SS40080AE | | 7440-66-6 | 6 | | mg/kg | | J |
| 42993 | 0 | 2 IN | SS40056AE | | 7440-66-6 | 5 | | mg/kg | | <u> </u> |
| 43193 | 0 | 2 IN | | | 7440-66-6 | 4 | | mg/kg | | J |
| 43393 | 4 0 | 6 IN | SS40087AE SS40086AE | | 7440-66-6 7440-66-6 | 10 | | mg/kg | | <u> </u> |
| 43493 43693 | 4 | 2 IN 6 IN | | | 7440-66-6 | 10 | | mg/kg mg/kg | | J V |
| 43793 | 0 | 2 IN | S\$40088AE | | 7440-66-6 | 5 | | mg/kg | | v |
| 43893 | 0 | 2 IN | SS40010AE | | 7440-66-6 | 7 5 | | mg/kg | | <u> </u> |
| 43993 | 0 | 2 IN | S\$40091AE | ZINC | 7440-66-6 | 5 | | mg/kg | | j |
| 44093 | 0 | 2 IN | SS40090AE | | 7440-66-6 | 5 | | mg/kg | | J |
| 44393 | 0 | 2 IN | | | 7440-66-6 | 5 | | mg/kg | | V |
| 44593 | 0 | 2 IN | SS40001AE | ZINÇ | 7440-66-6 | 4.4 | | mg/kg | | V |
| 44893 | 0 | 2 IN | SS40070AE | ZINC | 7440-66-6 | 6 | 67.7 | mg/kg | | V |
| 45693 | 0 | 2 IN | | | 7440-66-6 | 10 | 57.3 | mg/kg | | J |
| 45793 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | J |
| 46193 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | <u>V</u> |
| 46693 | 4 | 6 IN | | | 7440-66-6 | 4 | | mg/kg | | <u> </u> |
| 46793 46893 | 4 | 6 IN 6 IN | | | 7440-66-6 7440-66-6 | 4 20 | | mg/kg | | V . V |
| 47093 | Ö | 1 IN | | ······································ | 7440-66-6 | 20 | | mg/kg mg/kg | | * |
| 48195 | 0 | 0:FT | | | 7440-66-6 | 20 | | mg/kg | | Z |
| 48295 | 0 | 0 FT | | | 7440-66-6 | i | | mg/kg | | Z |
| 48395 | O O | 0 FT | | | 7440-66-6 | | | mg/kg | | Ž |
| SS400293 | O | 2 IN | SS40018AE | ZINC | 7440-66-6 | 5.7 | | mg/kg | | V |
| SS400393 | 0 | 2 IN | SS40019AE | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| SS400593 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | V |
| SS400693 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | *************************************** | V |
| SS400793 | 0 | 2 IN | | | 7440-66-6 | 4.7 | | mg/kg | | V . |
| SS400893 | <u> </u> | 2 IN | | | 7440-66-6 | 5 | | mg/kg | | J |
| SS401193 SS401293 | 0 | 2 IN | | | 7440-66-6 | 6 | | mg/kg | | J |
| SS401293 SS401393 | 0 | 2 IN | | | 7440-66-6 7440-66-6 | 4.5 5.8 | | mg/kg mg/kg | | V V |
| S\$401593 | 0 | 2 IN | | | 7440-66-6 | 5.8 5.2 | | mg/kg mg/kg | | <u>v</u> |
| SS401693 | 0 | 2 IN | | | 7440-66-6 | 3.2 4 | | mg/kg | | J |
| \$5,401893 | 0 | 2 IN | | | 7440-66-6 | 4 | | mg/kg | | j - |
| SS402393 | o | 2 IN | | | 7440-66-6 | 5 | | mg/kg | | J |
| SS402593 | 0 | 2 IN | | | 7440-66-6 | 5 | | mg/kg | EN | J |
| SS402793 | 0 | 2 IN | | | 7440-66-6 | 10 | 64.2 | mg/kg | | V |
| SS402893 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | V |
| S\$402993 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | V |
| S\$403093 | · 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | V |
| SS403193 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | V |
| SS403293 SS403393 | 0 | 2 IN 2 IN | | | 7440-66-6 7440-66-6 | 10 | | mg/kg mg/kg | | V |
| SS403393 SS403493 | 0 | 2/IN | | | 7440-66-6 7440-66-6 | 10 | | mg/kg mg/kg | | <u>v</u> V |
| \$\$403493 \$\$403593 | 0 | 2:IN | | | 7440-66-6 | 10 | | mg/kg mg/kg | | v V |
| SS403593 | 0 | 2 IN | | | 7440-66-6 | 10 | | mg/kg | | <u>y</u> J |
| SS606292 | 0 | 2 IN | | | 7440-66-6 | 4 | | mg/kg | | v |
| 00000202 | 0 | 2 IN | | | 7440-66-6 | 4 | | mg/kg | | V |
| SS620292 | | | | | | | | | | |
| | 0 | 3 IN | SSG0102JE | | 7440-66-6 | 20 | 39.1 | mg/kg | l | V |
| SS620292 | | 3 IN 3 IN 3 IN | SSG0105JE | ZINC | 7440-66-6 7440-66-6 7440-66-6 | 20 20 20 | 40.5 | mg/kg mg/kg mg/kg | | v V |

Table A.2 · Solar Evaporation Ponds AOC · Analytical Results for Surface Soils - Organics 南京福州 电电影 Commence of the same LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION CODE & START END UNIT SAMPLE NUMBER ANALYTE CAS NO. LIMIT. RESULT UNITS QUALIFIER QUALIFIER 9-OCTADECENOIC ACID (Z)-SS403093 SS40046AE 112-80-1 2) IN 840 ug/Kg 1 9-OCTADECENOIC ACID (Z)-21IN 1112-80-1 SS403593 SS40051AE 640 ug/Kg J P208989 õ 0 FT SEP1789BR0002 1,1,1-TCA 71-55-6 6 6 ug/Kg 'U IV 1,1,2,2-TETRACHLOROETHANE P208989 ō OFT ISEP1789BR0002 179-34-5 6 6|ug/Kg |U IV SS402793 0 2 IN SS40043AE 1,1,2,2-TETRACHLOROETHANE 79-34-5 190 ug/Kg | J SEP1789BR0002 ίν P208989 0 OFT 1,1,2-TCA 79-00-5 6 6 ug/Kg | U P208989 0 0 FT SEP1789BR0002 1.1-DCA 175-34-3 6 6 ug/Kg U IV SEP1789BR0002 75-35-4 Ī P208989 0 0 FT 1.1-DCE 6 6 ug/Kg | U 1,2,4-TRICHLOROBENZENE Z 0 120-82-1 05093 2 IN ISS00002AE 360 360|ug/Kg | U 11.2.4-TRICHLOROBENZENE SS00003AE 105193 O 2 IN 120-82-1 380 380|ug/Kg | U IV Z ō ISS00005AE 1.2.4-TRICHLOROBENZENE 05393 2 IN 120-82-1 360 360 ug/Kg | U 40093 1,2,4-TRICHLOROBENZENE |\$\$40060AE 480|ug/Kg |U 0 2 IN 120-82-1 480 IV 2 IN SS40042AE 1,2,4-TRICHLOROBENZENE 450 40293 120-82-1 450 ug/Kg | U īv 0 40393 SS40053AE 1,2,4-TRICHLOROBENZENE 2:IN 120-82-1 440 440 ug/Kg | U ĪV 1.2.4-TRICHLOROBENZENE 40693 o SS40057AF 120-82-1 600 600 ug/Kg | U īv 40793 0 ISS40058AE 1.2.4-TRICHLOROBENZENE 120-82-1 590 590 ug/Kg | U 40893 0 SS40004AE 1,2,4-TRICHLOROBENZENE 120-82-1 400 ug/Kg | U 40993 O SS40072AE 1,2,4-TRICHLOROBENZENE 120-82-1 390 ug/Kg | U 41193 SS40007AE 1,2,4-TRICHLOROBENZENE 500 O 2 IN 120-82-1 500 ug/Kg | U īV 41293 0 2IIN SS40071AE 1,2,4-TRICHLOROBENZENE 120-82-1 740 740 ug/Kg U 4 SS40073AE 1,2,4-TRICHLOROBENZENE 120-82-1 350 350 ug/Kg | U 41593 6IIN īV 1,2,4-TRICHLOROBENZENE 2 IN 41693 0 SS40410AE 120-82-1 450 450 ug/Kg | U V 41793 0 2 IN SS40077AE 1.2.4-TRICHLOROBENZENE 120-82-1 390 390 ug/Kg | U 1,2,4-TRICHLOROBENZENE 41993 O 2 IN SS40009AE 120-82-1 400 400 ug/Kg | U 1.2.4-TRICHLOROBENZENE 42093 O. 21IN SS40480AF 120-82-1 350 350 ug/Kg |U V 42193 4 6 IN SS40012AE 1.2.4-TRICHLOROBENZENE 120-82-1 350 350 ug/Kg | U ĪΫ 42293 0 2 IN SS40078AF 1,2,4-TRICHLOROBENZENE 120-82-1 380 380 ug/Kg | U IJ 42393 0 2/IN SS40079AF 1.2.4-TRICHLOROBENZENE 120-82-1 360 360 ug/Kg | U ISS40082AE 1.2.4-TRICHLOROBENZENE 42593 4 6IIN 120-82-1 350 350 ug/Kg | U V ISS40080AF 42693 O 21IN 12 4-TRICHLOROBENZENE 120-82-1 520 520 ug/Kg | U ISS40056AE 1.2.4-TRICHLOROBENZENE 42993 0 2!IN 120-82-1 370 370 ug/Kg | U īV 43193 0 SS40084AE 1,2,4-TRICHLOROBENZENE 21IN 1120-82-1 360 360 ug/Kg | U 1,2,4-TRICHLOROBENZENE V 43393 SS40087AE 41 6IIN 120-82-1 350 350 ug/Kg | U SS40086AE 1,2,4-TRICHLOROBENZENE 0 43493 2:IN 120-82-1 380 380 ug/Kg | U IJ 43693 SS40089AE 1,2,4-TRICHLOROBENZENE 6IIN īv 120-82-1 350 350 ug/Kg | U 43793 0 SS40088AE 1,2,4-TRICHLOROBENZENE 2 IN 380 ug/Kg | U 120-82-1 380 IV 43893 SS40010AE 1,2,4-TRICHLOROBENZENE 120-82-1 400 400 ug/Kg | U IV SS40091AE 1,2,4-TRICHLOROBENZENE 43993 O 120-82-1 380 380 ug/Kg | U V 44093 SS40090AE 1,2,4-TRICHLOROBENZENE 120-82-1 400 400 ug/Kg U 44393 SS40005AE 1,2,4-TRICHLOROBENZENE V 0 380 380|ug/Kg |U 44893 0 2 IN SS40070AE 1,2,4-TRICHLOROBENZENE 440 ug/Kg ¡U 45693 OI 2IIN SS40094AE 1,2,4-TRICHLOROBENZENE 120-82-1 480 480 ug/Kg |U 45793 SS40015AE 1,2,4-TRICHLOROBENZENE 0 2|IN 120-82-1 500 500|ug/Kg |U 46193 2 IN SS40096AE 1,2,4-TRICHLOROBENZENE 120-82-1 420 ug/Kg U 46693 4 6!IN SS40141AE 1,2,4-TRICHLOROBENZENE 120-82-1 330 360 ug/Kg | U 46793 6IN SS40142AE 1,2,4-TRICHLOROBENZENE V 4 120-82-1 330 360|ug/Kg |U 46893 6IIN SS40143AE 1,2,4-TRICHLOROBENZENE 120-82-1 330 370 ug/Kg U 1 IN 1,2,4-TRICHLOROBENZENE 47093 0 SS40145AE 120-82-1 330 370 ug/Kg | U V 1,2,4-TRICHLOROBENZENE SS400293 0 2IIN SS40018AE 120-82-1 460 460 ug/Kg U SS400393 O 2 IN SS40019AF 1.2.4-TRICHLOROBENZENE 120-82-1 350 350 ug/Kg | U v SS400593 0 2 IN !SS40021AE 1.2.4-TRICHLOROBENZENE 120-82-1 340 340|ug/Kg |U V 1.2.4-TRICHLOROBENZENE SS400693 0 21IN SS40022AF 120-82-1 360 360 ug/Kg | U 0 SS400793 SS40023AE 1.2.4-TRICHLOROBENZENE 2 IN 120-82-1 380 380 ug/Kg U īv SS400893 0 SS40024AE 1.2.4-TRICHLOROBENZENE 2!IN 120-82-1 460 460 ug/Kg | U V SS401193 0 SS40027AE 1,2,4-TRICHLOROBENZENE 2IIN 120-82-1 480 480 ug/Kg | U V SS401293 1,2,4-TRICHLOROBENZENE 2 IN SS40028AE 120-82-1 360 360 ug/Kg iU 1,2,4-TRICHLOROBENZENE SS401393 ō 2||N SS40029AE V 120-82-1 470 470 ug/Kg | U SS401593 SS40031AE 1,2,4-TRICHLOROBENZENE 2!IN 0 120-82-1 430 430 ug/Kg | U V SS401693 O 2 IN SS40032AE 1,2,4-TRICHLOROBENZENE 120-82-1 360 360 ug/Kg U SS401893 SS40034AE 1,2,4-TRICHLOROBENZENE O 2IN 120-82-1 380 380 ug/Kg | U V 0 2IIN SS40039AE 1,2,4-TRICHLOROBENZENE 120-82-1 380 380 ug/Kg | U IV SS402593 SS40041AE 1,2,4-TRICHLOROBENZENE 120-82-1 440 440 ug/Kg | U 370 ug/Kg | U SS402793 SS40043AE 1,2,4-TRICHLOROBENZENE 370 IV 120-82-1 SS402893 SS40044AE 1,2,4-TRICHLOROBENZENE 120-82-1 350 350 ug/Kg | U SS402993 0 2 IN SS40045AE 1.2.4-TRICHLOROBENZENE 120-82-1 340 340 ug/Kg | U SS40046AE 700 ug/Kg |U SS403093 2IIN 1.2.4-TRICHLOROBENZENE 700 SS403193 SS40047AE 1,2,4-TRICHLOROBENZENE ō 2IN 1120-82-1 460 ug/Kg | U 2 IN SS403293 SS40048AE 1,2,4-TRICHLOROBENZENE 440 ug/Kg |U 0 120-82-1 440 1,2,4-TRICHLOROBENZENE SS403393 2 IN SS40049AE 120-82-1 630 n 630 ug/Kg | U īv 55403493 n 2 IN SS40050AE 1,2,4-TRICHLOROBENZENE 120-82-1 420 420 ug/Kg U īV SS403593 0 21IN SS40051AF 1.2.4-TRICHLOROBENZENE 120-82-1 390 390 ug/Kg U ĪΫ SS403693 1.2.4-TRICHLOROBENZENE O 2|IN SS40052AF 120-82-1 390 390 ug/Kg | U IV 340 ug/Kg | U SS810893 0 31IN SSG0102JE 1.2.4-TRICHLOROBENZENE 120-82-1 330 īv SS811193 SSG0105.IF 1.2.4-TRICHLOROBENZENE ō 3!IN 120-82-1 330 350 ug/Kg | U ĪΫ SS811493 0 3 IN SSG0108JE 1,2,4-TRICHLOROBENZENE 120-82-1 330 380 ug/Kg | U ĭV P208989 0 0 FT SEP1789BR0002 1.2-DCA 107-06-2 6 ug/Kg | U Īν 05093 0 2IIN SS00002AE 1.2-DCB 95-50-1 360 360 ug/Kg U 17 05193 2 IN 1.2-DCB SS00003AE 95-50-1 380 380 ug/Kg | U

| VC***** | Dear | DEDTU | 7 | | | \$ \$. Y | DETECTION | 4. 1 | 食 零 | LAB RESULT | VALIDATIC |
|---------------------|--------|-------|------|----------------------------|--|-----------------------|------------|-------------|----------------|--|-------------|
| CODE | START | | | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | UNITS | QUALIFIER* | |
| 5393 | 0 | | | | 1,2-DCB | 95-50-1 | 360 | | ug/Kg | | Z |
| 0093 | 0 | 2 | | SS40060AE | 1,2-DCB | 95-50-1 | 480 | 480 | ug/Kg | U | V |
| 0293 | 0 | | | | 1,2-DCB | 95-50-1 | 450 | | ug/Kg | | V |
| 0393 | 0 | | | SS40053AE | 1,2-DCB | 95-50-1 | 600 | | ug/Kg | | V |
| 0693 0793 | 0 | | | | 1,2-DCB 1,2-DCB | 195-50-1 195-50-1 | 590 | | ug/Kg ug/Kg | | V |
| 0893 | . 0 | | | | 1,2-DCB | 95-50-1 | 330 | | ug/Kg | | V |
| 0993 | 0 | | | | 1,2-DCB | 95-50-1 | 390 | | ug/Kg | | V |
| 1193 | 0 | 2 | IN | | 1,2-DCB | 95-50-1 | 500 | <u> </u> | ug/Kg | | V |
| 1293 | 0 | | | | 1,2-DCB | 95-50-1 | 740 | | ug/Kg | | V |
| 1593 | 4 | | | | 1,2-DCB | 195-50-1 | 350 | | ug/Kg | | V |
| 1693 1793 | 0 | | | SS40410AE SS40077AE | 1,2-DCB 1,2-DCB | 95-50-1 195-50-1 | 390 | | ug/Kg ug/Kg | | <u> </u> |
| 1993 | Ö | | | SS40009AE | 1,2-DCB | 195-50-1 | 400 | | ug/Kg | | |
| 2093 | 0 | | | SS40480AE | 1,2-DCB | 195-50-1 | 350 | | ug/Kg | | ĪV |
| 2193 | 4 | 6 | IN | SS40012AE | 1,2-DCB | 95-50-1 | 350 | 350 | ug/Kg | U | V |
| 2293 | 0 | | | SS40078AE | 1,2-DCB | 95-50-1 | 380 | | ug/Kg | | J |
| 2393 | 0 | | | SS40079AE | 1,2-DCB | 95-50-1 | 360 | | ug/Kg | | V |
| 2593 | 4 | | | | 1,2-DCB | 95-50-1 | 350 | | ug/Kg | | iV |
| 2693 2993 | 0 | | | SS40080AE SS40056AE | 1,2-DCB 1,2-DCB | 95-50-1 95-50-1 | 520 370 | | ug/Kg ug/Kg | | ۱۸ ۱٦ |
| 3193 | 0 | | | SS40084AE | 1,2-DCB | 195-50-1 | 360 | ····· | ug/Kg | | - |
| 3393 | 4 | | | | 1,2-DCB | 95-50-1 | 350 | | ug/Kg | | V |
| 3493 | 0 | | IN | SS40086AE | 1,2-DCB | 95-50-1 | 380 | 380 | ug/Kg | U | J |
| 3693 | 4 | | | SS40089AE | 1,2-DCB | 95-50-1 | 350 | | ug/Kg | AND DESCRIPTION OF THE PERSON NAMED OF THE PER | V |
| 3793 | 0 | | | SS40088AE | 1,2-DCB | 95-50-1 | 380 | | ug/Kg | | V |
| 3893 | 0 | | | SS40010AE | 1,2-DCB | 95-50-1 | 400 | | ug/Kg | | V |
| 3993 4093 | 0 | | | SS40091AE SS40090AE | 1,2-DCB 1,2-DCB | 95-50-1 | 380 400 | | ug/Kg | | V |
| 4393 4393 | 0 | | | | 1,2-DCB | 95-50-1 | 380 | | ug/Kg ug/Kg | | v |
| 4893 | 0 | | | \$\$40070AE | 1,2-DCB | 95-50-1 | 440 | | ug/Kg | | v |
| 5693 | Ō | | | SS40094AE | 1,2-DCB | 95-50-1 | 480 | | ug/Kg | | ٧ |
| 5793- | 0 | 2 | IN | SS40015AE | 1,2-DCB | 95-50-1 | 500 | | ug/Kg | | V |
| 6193 | 0 | | | SS40096AE | 1,2-DCB | 95-50-1 | 420 | | ug/Kg | | V |
| 66 9 3 · | 4 | | | | 1,2-DCB | 95-50-1 | 330 | | ug/Kg | | ٧ |
| 6793 | 4 | | | SS40142AE | 1,2-DCB | 195-50-1 | 330 | | ug/Kg | | V |
| 6893 7093 | 4 0 | | | SS40143AE SS40145AE | 1,2-DCB 1,2-DCB | 95-50-1 | 330 | | ug/Kg | | V V |
| S400293 | 0 | | | SS40018AE | 1,2-DCB | 95-50-1 95-50-1 | 460 | | ug/Kg ug/Kg | | V |
| S400393 | 0 | | | \$\$40019AE | 1,2-DCB | 95-50-1 | 350 | | ug/Kg | | V |
| S400593 | 0 | | | SS40021AE | 1,2-DCB | 95-50-1 | 340 | | ug/Kg | | V |
| 6400693 | 0 | 2 | IN . | SS40022AE | 1,2-DCB | 95-50-1 | 360 | | ug/Kg | | V |
| S400793 | 0 | | | SS40023AE | 1,2-DCB | 95-50-1 | 380 | | ug/Kg | | V |
| S400893 | 0 | | | SS40024AE | 1,2-DCB | 95-50-1 | 460 | | ug/Kg | | V |
| \$401193 | 0 | | | SS40027AE | 1,2-DCB | 95-50-1 | 480 | | ug/Kg | | V |
| S401293 S401393 | 0 | | IN | SS40028AE SS40029AE | 1,2-DCB 1,2-DCB | 95-50-1 95-50-1 | 360 | | ug/Kg | | V |
| S401593 | 0 | | | SS40031AE | 1,2-DCB | 95-50-1 | 430 | | ug/Kg ug/Kg | | V |
| S401693 | 0 | | | \$\$40032AE | 1,2-DCB | 95-50-1 | 360 | | ug/Kg | | V |
| \$401893 | 0 | | | SS40034AE | 1,2-DCB | 95-50-1 | 380 | | ug/Kg | | ٧ |
| \$402393 | 0 | | | SS40039AE | 1,2-DCB | 95-50-1 | 380 | | ug/Kg | U | V |
| S402593 | 0 | | | | 1,2-DCB | 95-50-1 | 440 | | ug/Kg | | V . |
| \$402793 | 0 | | | | 1,2-DCB | 95-50-1 | 370 | | ug/Kg | | V |
| S402893 S402993 | 0 | | | SS40044AE SS40045AE | 1,2-DCB 1,2-DCB | 95-50-1 95-50-1 | 350 340 | | ug/Kg | | V V |
| S403093 | 0 | | | SS40045AE SS40046AE | 1,2-DCB | 95-50-1 | 700 | | ug/Kg ug/Kg | | V |
| S403093 | 0 | | | SS40047AE | 1,2-DCB | 95-50-1 | 460 | | ug/Kg | | V |
| \$403293 | 0 | | | | 1,2-DCB | 95-50-1 | 440 | | ug/Kg | | V |
| \$403393 | 0 | | | | 1,2-DCB | 95-50-1 | 630 | | ug/Kg | | V |
| S403493 | 0 | | | | 1,2-DCB | 95-50-1 | 420 | 420 | ug/Kg | U | V |
| S403593 | 0 | | | | 1,2-DCB | 95-50-1 | 390 | | ug/Kg | | V |
| \$403693 | 0 | | | | 1,2-DCB | 95-50-1 | 390 | | ug/Kg | | V |
| S810893 | 0 | | | SSG0102JE | 1,2-DCB 1,2-DCB | 95-50-1 | 330 | | ug/Kg | | V |
| S811193 S811493 | 0 | | | SSG0105JE SSG0108JE | 1,2-DCB | 95-50-1 95-50-1 | 330 | | ug/Kg ug/Kg | <u> </u> | V V |
| 208989 | . 0 | | | | 1,2-DOB | 540-59-0 | 6 | | ug/Kg | | V |
| 208989 | 0 | | | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | ug/Kg | | V |
| 5093 | 0 | 2 | IN | SS00002AE | 1,3-DICHLOROBENZENE | 541-73-1 | 360 | 360 | ug/Kg | U | Z |
| 5193 | 0 | | | | 1,3-DICHLOROBENZENE | 541-73-1 | 380 | 380 | ug/Kg | U | V |
| 5393 | 0 | | | | 1,3-DICHLOROBENZENE | 541-73-1 | 360 | | ug/Kg | | Z |
| 0093 | 0 | | | | 1,3-DICHLOROBENZENE | 541-73-1 | 480 | | ug/Kg | | V |
| 0293 | 0 | | | \$\$40042AE \$\$40053AE | 1,3-DICHLOROBENZENE | 541-73-1 | 450 | | ug/Kg | | V |
| 0393 0693 | 0 | | | SS40053AE SS40057AE | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 440 600 | | ug/Kg ug/Kg | | V V |
| 0793 | 0 | | | \$\$40057AE \$\$40058AE | 1,3-DICHLOROBENZENE | 541-73-1 | 590 | | ug/Kg ug/Kg | | V |
| 0893 | 0 | | | SS40004AE | 1,3-DICHLOROBENZENE | 541-73-1 | 330 | | ug/Kg | | V |
| 0993 | ō | | | SS40072AE | 1,3-DICHLOROBENZENE | 541-73-1 | 390 | | ug/Kg | ū | v |
| 1193 | ō | | | \$\$40007AE | 1,3-DICHLOROBENZENE | 541-73-1 | 500 | | ug/Kg | | v |

| | | n n | , | | Evaporation Ponds AOC - Analytical Res | -1 Mr. 2 | 1.3 14.9 | # 3-3 | 10 M | | \$ 40 and 8 |
|------------------------|---------|-----|-------------|---------------|--|----------------------|------------|------------------|------------------|--------------|---------------------------------------|
| LOCATION CODE | START | | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | | RESULT | | QUALIFIER | · · · · · · · · · · · · · · · · · · · |
| 41293 41593 | 0 | | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 740 | | ug/Kg ug/Kg | | IV IV |
| 41693 | | · | | | | 541-73-1 | 450 | · | ug/Kg | | V |
| 41793 | Ō | | | | | 541-73-1 | 390 | | ug/Kg | | 1 |
| 41993 | 0 | | | | | 541-73-1 | 400 | | ug/Kg | | |
| 42093 | 0 | | | | | 541-73-1 | 350 | | ug/Kg | | IV IV |
| 42193 42293 | 4 0 | | | | | 541-73-1 541-73-1 | 350 | <u></u> | lug/Kg lug/Kg | | IJ |
| 42393 | 0 | | | ······ | | 541-73-1 | 360 | | ug/Kg | | V |
| 42593 | 4 | | | | | 541-73-1 | 350 | | ug/Kg | | Į V |
| 42693 | 0 | | ~~~~ | | 1,3-DICHLOROBENZENE | 541-73-1 | 520 | | ug/Kg | | IJ |
| 42993 43193 | 0 | | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 370 | | lug/Kg lug/Kg | | i V |
| 43393 | 4 | | | | 1,3-DICHLOROBENZENE | 541-73-1 | 350 | | ug/Kg | | v |
| 43493 | 0 | | | | 1,3-DICHLOROBENZENE | 541-73-1 | 380 | | ug/Kg | | J |
| 43693 | 4 | | | | | 541-73-1 | 350 | ² 350 | ug/Kg | U | V |
| 43793 | 0 | | | | | 541-73-1 | 380 | | ug/Kg | | IV |
| 43893 43993 | 0 | | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 400 380 | | ug/Kg | | V V |
| 44093 | 0 | | | | | 541-73-1 | 400 | | lug/Kg lug/Kg | | V |
| 44393 | 0 | | | | | 541-73-1 | 380 | ****** | ug/Kg | | v |
| 44893 | 0 | 2 | 2 IN | SS40070AE | 1,3-DICHLOROBENZENE | 541-73-1 | 440 | 440 | ug/Kg | U | V |
| 45693 | 0 | | | | ······································ | 541-73-1 | 480 | | ug/Kg | | V |
| 45793 | 0 | | | | | 541-73-1 | 500 | | ug/Kg | | V V |
| 46193 46693 | 0 4 | | | | The state of the s | 541-73-1 541-73-1 | 420 330 | | ug/Kg ug/Kg | | V |
| 46793 | 4 | | | | | 541-73-1 | 330 | | lug/Kg | | V |
| 46893 | 4 | | | | | 541-73-1 | 330 | | ug/Kg | | V |
| 47093 | 0 | | | | | 541-73-1 | 330 | | ug/Kg | | V |
| SS400293 | 0 | | | | | 541-73-1 | 460 | | ug/Kg | | V |
| SS400393 | 0 | | | | | 541-73-1 | 350 | | ug/Kg | | [V |
| SS400593 SS400693 | 0 | | | | | 541-73-1 541-73-1 | 340 360 | | ug/Kg ug/Kg | ····· | IV IV |
| SS400793 | 0 | | | | | 541-73-1 | 380 | | ug/Kg | | V |
| SS400893 | ō | | | | | 541-73-1 | 460 | | ug/Kg | | v |
| SS401193 | 0 | | | | | 541-73-1 | 480 | | ug/Kg | | V |
| SS401293 | 0 | | | | | 541-73-1 | 360 | | ug/Kg | | V . |
| SS401393 SS401593 | 0 | | ****** | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 470 | | ug/Kg | | V |
| SS401693 | 0 | | | | ^^ | 541-73-1 | 360 | | ug/Kg lug/Kg | | V |
| SS401893 | 0 | | · | | | 541-73-1 | 380 | | ug/Kg | | v |
| SS402393 | 0 | | | SS40039AE | 1,3-DICHLOROBENZENE | 541-73-1 | 380 | 380 | ug/Kg | U | V |
| SS402593 | 0 | | | | | 541-73-1 | · 440 | | ug/Kg | | V |
| SS402793 | 0 | | | | ************************************** | 541-73-1 | 370 | | ug/Kg | | V |
| SS402893 SS402993 | 0 | | | | | 541-73-1 541-73-1 | 350 340 | | ug/Kg ug/Kg | | V V |
| SS403093 | 0 | | | | | 541-73-1 | 700 | | ug/Kg | | V |
| SS403193 | 0 | | | | | 541-73-1 | 460 | | ug/Kg | | V |
| SS403293 | 0 | | | | | 541-73-1 | 440 | 440 | ug/Kg | | V |
| S\$403393 | 0 | | | | | 541-73-1 | 630 | | ug/Kg | ····· | V |
| SS403493 SS403593 | 0 | | | | | 541-73-1 | 420 | | | | V |
| SS403693 | 0 | | | | | 541-73-1 541-73-1 | 390 390 | | ug/Kg lug/Kg | | V . V |
| SS8,10893 | Ö | | | | | 541-73-1 | 330 | | ug/Kg | | V |
| SS811193 | 0 | 3 | IN | SSG0105JE | 1,3-DICHLOROBENZENE | 541-73-1 | 330 | 350 | ug/Kg | U | V |
| SS811493 | 0 | | | | | 541-73-1 | 330 | | ug/Kg | | <u>V</u> |
| SS402893 05093 | 0 | | | | | 2916-31-6 | | | ug/Kg | | Z |
| 05093 | 0 | | | | | 106-46-7 106-46-7 | 360 380 | 360 | ug/Kg ug/Kg | <u>U</u> | Z V |
| 05393 | 0 | | | | | 106-46-7 | 360 | | ug/Kg | U | Z |
| 40093 | 0 | | | | | 106-46-7 | 480 | | ug/Kg | | V |
| 40293 | . 0 | | | | | 106-46-7 | 450 | 450 | ug/Kg | U | V |
| 40393 | 0 | | | | | 106-46-7 | 440 | | ug/Kg | | V |
| 40693 40793 | 0 | | | | | 106-46-7 | 600 | | ug/Kg | | <u>V</u> |
| 40893 | 0 | | | | | 106-46-7 106-46-7 | 590 330 | | ug/Kg ug/Kg | | V V |
| 40993 | 0 | | | | ~ | 106-46-7 | 390 | | ug/Kg | | V |
| 41193 | 0 | 2 | IN | SS40007AE | 1,4-DCB | 106-46-7 | 500 | 500 | ug/Kg | U | V |
| 41293 | 0 | | | | | 106-46-7 | 740 | | ug/Kg | U | V |
| 41593 41693 | 4 | | | | | 106-46-7 | 350 | | ug/Kg | | V |
| 41 79 3 | 0 0 | | | | | 106-46-7 106-46-7 | 450 390 | | ug/Kg ug/Kg | | <u>V</u> |
| 41993 | 0 | | | | | 106-46-7 | 400 | | ug/Kg ug/Kg | | |
| 42093 | 0 | | | | | 106-46-7 | 350 | | ug/Kg i | | V |
| 42193 | 4 | 6 | IN I | SS40012AE | 1,4-DCB | 106-46-7 | 350 | 350 | ug/Kg | U | V |
| 42293 | 0 | | | | | 106-46-7 | 380 | | ug/Kg | | J |
| 42393 42593 | 0 | | | | | 106-46-7 | 360 | | ug/Kg | | V |
| a-1603 | 4 | 6 | IN I | SS40082AE | 1,4-DCB | 106-46-7 | 350 | 350 | ug/Kg i | U | V |

| | | | , | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | | | | | | , |
|------------------------|----------|-----------------------|----------------|-------------------|---|---------------------------------------|--------------|--------|------------------|------------|-----------------|
| LOCATION | DEPTH | DEPTH | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | DETECTION | | . 13%. · | LAB RESULT | VALIDATION |
| CODE | START | | | SAMPLE NUMBER | ANALYTE | CAS NO. | | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 42693 | 0 | | | | 1,4-DCB | 106-46-7 | 520 | | ug/Kg | | J |
| 42993 43193 | 0 | | | | 1,4-DCB 1,4-DCB | 106-46-7 106-46-7 | 370 360 | | ug/Kg ug/Kg | | V |
| 43393 | 4 | | | | 1,4-DCB | 106-46-7 | 350 | | ug/Kg | | V |
| 43493 | 0 | | | | 1,4-DCB | 106-46-7 | 380 | 380 | ug/Kg | U | J |
| 43693 | 4 | | | | | 106-46-7 | 350 | | ug/Kg | | V |
| 43793 | 0 | | | | 1,4-DCB 1,4-DCB | 106-46-7 106-46-7 | 380 400 | | ug/Kg ug/Kg | | V V |
| 43993 | Ö | | | | · · · · · · · · · · · · · · · · · · · | 106-46-7 | 380 | | ug/Kg | | V |
| 44093 | 0 | 2 | IN | SS40090AE | 1,4-DCB | 106-46-7 | 400 | 400 | ug/Kg | U | |
| 44393 | 0 | | | | | 106-46-7 | 380 | | ug/Kg | | V |
| 44893 45693 | 0 | | | | ······································ | 106-46-7 106-46-7 | 440 480 | | ug/Kg ug/Kg | | V |
| 45793 | ō | | | | | 106-46-7 | 500 | | ug/Kg | | V |
| 46193 | 0 | | | | | 106-46-7 | 420 | | ug/Kg | | V |
| 46693 | 4 | | | | | 106-46-7 | 330 | | ug/Kg | | V |
| 46793 46893 | 4 | | | | | 106-46-7 106-46-7 | 330 330 | | ug/Kg | | V V |
| 47093 | 0 | | | | *************************************** | 106-46-7 | 330 | | ug/Kg ug/Kg | | V |
| SS400293 | 0 | | | | | 106-46-7 | 460 | | ug/Kg | | v v |
| S\$400393 | 0 | | | | | 106-46-7 | 350 | 350 | ug/Kg | U | V |
| S\$400593 S\$400693 | 0 | | | | | 106-46-7 | 340 | | ug/Kg | | V |
| SS400693 SS400793 | 0 | | | | | 106-46-7 106-46-7 | 360 380 | | ug/Kg ug/Kg | | V V |
| SS400893 | 0 | | | | | 106-46-7 | 360 460 | | ug/Kg ug/Kg | | V |
| SS401193 | 0 | 2 | IN | SS40027AE | 1,4-DCB | 106-46-7 | 480 | | ug/Kg | | v v |
| SS401293 | 0 | | | | | 106-46-7 | 360 | 360 | ug/Kg | U | V |
| SS401393 SS401593 | 0 | | | | | 106-46-7 106-46-7 | 470 430 | | ug/Kg | | V |
| SS401693 | 0 | | | | | 106-46-7 | 360 | | ug/Kg ug/Kg | | V |
| SS401893 | 0 | | | | ~ | 106-46-7 | 380 | | ug/Kg | | v · |
| SS402393 | 0 | | | | | 106-46-7 | 380 | 380 | ug/Kg | Ú | V |
| LSS402593 | 0 | | | | | 106-46-7 | 440 | | ug/Kg | | V |
| SS402793 SS402893 | 0 | | | | | 106-46-7 106-46-7 | 370 350 | | ug/Kg ug/Kg | | V V |
| S\$402993 | 0 | | | | | 106-46-7 | 340 | | ug/Kg | | V |
| SS403093 | 0 | | IN | SS40046AE | ····· | 106-46-7 | 700 | | ug/Kg | | Ÿ |
| SS403193 | 0 | | | | | 106-46-7 | 460 | | ug/Kg | | V |
| SS403293 SS403393 | 0 | | | | | 106-46-7 106-46-7 | 440 630 | | ug/Kg | | V V |
| SS403493 | 0 | | | | | 106-46-7 | 420 | | ug/Kg ug/Kg | | V |
| S\$403593 | 0 | | ************** | | | 106-46-7 | 390 | | ug/Kg | | v |
| SS403693 | 0 | | | | | 106-46-7 | 390 | | ug/Kg | | V |
| SS811193 SS811493 | 0 | | | | | 106-46-7 | 330 | | ug/Kg | | <u>v</u> |
| 05093 | . 0 | | | | | 90-12-0 95-95-4 | 1800 | | ug/Kg ug/Kg | | Z Z |
| 05193 | 0 | | | | | 95-95-4 | 1900 | | ug/Kg | | - |
| 05393 | 0 | | | | | 95-95-4 | 1800 | 1800 | ug/Kg | U | Z |
| 40093 | 0 | | | | | 95-95-4 | 2400 | | ug/Kg | | V |
| 40293 40393 | 0 | | | | | 95-95-4 95-95-4 | 2200 2200 | | ug/Kg ug/Kg | | V V |
| 40693 | o o | | | | | 95-95-4 | 3000 | 3000 | ug/Kg ug/Kg | Ü | <u>v</u> V · |
| 40793 | 0 | 2 | IN | SS40058AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 2900 | 2900 | ua/Ka | U | · |
| 40893 | 0 | | | | | 95-95-4 | 1600 | 1900 | ug/Kg | U i | V |
| 40993 | 0 | | | | | 95-95-4 95-95-4 | 2000 2500 | | ug/Kg ug/Kg | | v v |
| 41293 | 0 | | | | | 95-95-4 95-95-4 | 3700 | | ug/Kg ug/Kg | | v V |
| 41593 | 4 | 6 | IN | SS40073AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1800 | 1800 | ug/Kg | U I | v |
| 41693 | 0 | | | | | 95-95-4 | 2200 | 2200 | ug/Kg | U | V |
| 41793 | 0 | | | | | 95-95-4 05-05-4 | 1900 | | ug/Kg | | |
| 42093 | 0 | and the second second | | ····· | | 95-95-4 95-95-4 | 2000 1700 | | ug/Kg ug/Kg | | v |
| 42193 | 4 | | | | | 95-95-4 | 1700 | | ug/Kg ug/Kg | | <u>v</u> |
| 42293 | 0 | | IN | SS40078AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1900 | 1900 | ug/Kg | U | j |
| 42393 | 0 | | | | | 95-95-4 | 1800 | | ug/Kg | U | V |
| 42593 42693 | 4 0 | | | | | 95-95-4 95-95-4 | 1800 2600 | | ug/Kg ug/Kg | | V |
| 42993 | 0 | | | | | 95-95-4 95-95-4 | 1800 | | ug/Kg ug/Kg | | <u> </u> |
| 43193 | 0 | 2 | IN | SS40084AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1800 | 1800 | ug/Kg | Ü i | - |
| 43393 | 4 | | | | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1800 | 1800 | ug/Kg | Ü | V |
| 43498 43693 | 0 4 | | | | | 95-95-4 | 1900 | | ug/Kg | | J |
| 43793 | 0 | 6 | | | | 95-95-4 95-95-4 | 1800 | | ug/Kg ug/Kg | | v V |
| 43893. | 0 | 2 | | | | 95-95-4 | 2000 | | ug/Kg ug/Kg | | <u>v</u> |
| 43993 | 0 | 2 | IN | SS40091AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1900 | 1900 | ug/Kg | U | v |
| 44093 | 0; | 2 | | | | 95-95-4 | 2000 | | ug/Kg | | |
| 44393° 44893 | 0. 0i | 2 | | | | 95-95-4 | 1900 | | ug/Kg | | <u>V</u> |
| 14893 | U | 2 | 114 | SS40070AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 2200 | 2200 | ug/Kg ! | U | V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 13. 1995 · Mine LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION ANALYTE 2.4.5-TRICHLOROPHENOL CAS NO. SULT UNITS QUALIFIER QUALIFIER CODE START END UNIT SAMPLE NUMBER LIMIT RE 45693 SS40094AE 95-95-4 2 IN 2400 2400 ug/Kg | U 2,4,5-TRICHLOROPHENOL 45793 Oi 2 IN ISS40015AF 95-95-4 2500 2500 ug/Kg | U TV 2.4.5-TRICHLOROPHENOL 46193 O 211N SS40096AF 95-95-4 2100 2100 ug/Kg | U IV 46693 4 6IIN SS40141AF 12.4.5-TRICHLOROPHENOL 95-95-4 1600 1800 ug/Kg | U V 46793 4 6 IN SS40142AF 2.4.5-TRICHLOROPHENOL 95-95-4 1600 1800 ug/Kg | U FV/ 2.4.5-TRICHLOROPHENOL SS40143AE 46893 4 6 IN 95-95-4 1600 1800 ug/Kg |U ١V 47093 0 1IIN ISS40145AE 2.4.5-TRICHLOROPHENOL 95-95-4 1600 1800 ug/Kg | U V SS400293 SS40018AE 2.4.5-TRICHLOROPHENOL 0 95-95-4 2 IN 2300 2300 ug/Kg | U V ō SS400393 2 IN SS40019AE 2.4.5-TRICHLOROPHENOL 195-95-4 1700 1700 ug/Kg | U V SS40021AE 2,4,5-TRICHLOROPHENOL SS400593 2IIN 0 95-95-4 1700 ug/Kg U 1700 V SS400693 2IIN SS40022AE 2,4,5-TRICHLOROPHENOL 0 195-95-4 V 1800 1800 ug/Kg | U SS400793 0 2 IN SS40023AE 2,4,5-TRICHLOROPHENOL 195-95-4 1900 ug/Kg | U 1900 īV 2,4,5-TRICHLOROPHENOL SS400893 2 IN SS40024AE 95-95-4 0 2300 2300 ug/Kg | U V SS40027AE SS401193 2,4,5-TRICHLOROPHENOL 2400 ug/Kg U 95-95-4 2400 IV SS401293 SS40028AE 12,4,5-TRICHLOROPHENOL O 2IIN 95-95-4 1800 1800|ug/Kg |U V SS401393 SS40029AE 2,4,5-TRICHLOROPHENOL ō 2IIN 95-95-4 2400 2400 ug/Kg U SS401593 Õ 2!IN SS40031AE 2,4,5-TRICHLOROPHENOL 95-95-4 2200 2200 ug/Kg U Ĭν SS401693 0 2 IN SS40032AE 2,4,5-TRICHLOROPHENOL 95-95-4 1800 ug/Kg | U 1800 SS401893 O SS40034AE 2,4,5-TRICHLOROPHENOL 95-95-4 1900 ug/Kg | U 2 IN 1900 IV SS402393 0 2IN SS40039AE 2,4,5-TRICHLOROPHENOL 95-95-4 1900 1900 ug/Kg U SS402593 0 2 IN SS40041AE 2,4,5-TRICHLOROPHENOL 95-95-4 2200 2200 ug/Kg | U SS402793 0 2 IN SS40043AE 2,4,5-TRICHLOROPHENOL 95-95-4 1800 1800 ug/Kg | U V SS402893 0 2 IN SS40044AE 2,4,5-TRICHLOROPHENOL 95-95-4 1800 1800 ug/Kg | U SS402993 O 2 IN SS40045AF 2,4,5-TRICHLOROPHENOL 95-95-4 1700 1700 ug/Kg | U V ISS403093 O 21IN SS40046AE 12,4,5-TRICHLOROPHENOL 195-95-4 3500 3500 ug/Kg | U V SS40047AF 2300 ug/Kg |U SS403193 0 2 IN 2.4.5-TRICHLOROPHENOL 95-95-4 2300 S\$403293 2,4,5-TRICHLOROPHENOL 0 2111 SS40048AF 95-95-4 2200 2200 ug/Kg | U īV 12.4.5-TRICHLOROPHENOL SS403393 0 2:IN SS40049AF 195-95-4 3100 3100 ug/Kg U SS403493 SS40050AF 2,4,5-TRICHLOROPHENOL 0 2 IN 95-95-4 2100 2100 ug/Kg | U ī SS403593 SS40051AF 2.4.5-TRICHLOROPHENOL 0 2IIN 95-95-4 2000 2000 ug/Kg | U SS403693 SS40052AE 12 4 5-TRICHLOROPHENOL 0 2IIN 95-95-4 1900 1900 ug/Kg | U īV SS810893 0 SSG0102JE 2.4.5-TRICHLOROPHENOL 3 IN 95-95-4 1600 1700 ug/Kg | U SSG0105JE 2.4.5-TRICHLOROPHENOL SS811193 0 31IN 95-95-4 1600 1700 ug/Kg | U V SS811493 0 3 IN SSG0108JE 2.4.5-TRICHLOROPHENOL 195-95-4 1600 1800 ug/Kg | U īV SS00002AE 2,4,6-TRICHLOROPHENOL 05093 Ö 2 IN 88-06-2 360 360 ug/Kg 1U 2 IN 05193 0 SS00003AE 2,4,6-TRICHLOROPHENOL 380 īV 88-06-2 380 ug/Kg | U 05393 2 IN SS00005AE 2,4,6-TRICHLOROPHENOL 188-06-2 360 360 ug/Kg | U Z 40093 0 2 IN SS40060AE 2,4,6-TRICHLOROPHENOL 88-06-2 480 480;ug/Kg | U 40293 \$\$40042AE 2,4,6-TRICHLOROPHENOL 88-06-2 450 V 450 ug/Kg |U 40393 SS40053AE 2,4,6-TRICHLOROPHENOL 0 88-06-2 440 440 ug/Kg (U īV 40693 SS40057AE 2,4,6-TRICHLOROPHENOL 2 IN 88-06-2 600 600 ug/Kg U 40793 0 2IN SS40058AE 2,4,6-TRICHLOROPHENOL 88-06-2 590 590 ug/Kg |U ١V 40898 2 IN SS40004AE 2,4,6-TRICHLOROPHENOL 88-06-2 330 400 ug/Kg U 40993 2 IN SS40072AE 2,4,6-TRICHLOROPHENOL 88-06-2 0 390 390 ug/Kg | U V 41193 SS40007AE 2,4,6-TRICHLOROPHENOL 2IIN 88-06-2 500 500 ug/Kg |U 41293 O 2,IN SS40071AE 2,4,6-TRICHLOROPHENOL 88-06-2 740 740 ug/Kg | U 41593 6|IN SS40073AE 2,4,6-TRICHLOROPHENOL 350 ug/Kg | U 88-06-2 350 41693 0 2IIN SS40410AE 2,4,6-TRICHLOROPHENOL 88-06-2 450 450 ug/Kg | U 41793 0 2IN SS40077AE 2,4,6-TRICHLOROPHENOL 88-06-2 390 390 ug/Kg | U 41993 0 2 IN SS40009AE 2,4,6-TRICHLOROPHENOL 88-06-2 400 400 ug/Kg U 42093 O 2 IN SS40480AF 2,4,6-TRICHLOROPHENOL 88-06-2 350 350 ug/Kg | U 42193 4 6 IN SS40012AF 2,4,6-TRICHLOROPHENOL 88-06-2 350 350 ug/Kg | U ١V 42293 0 2 IN S\$40078AF 2.4.6-TRICHLOROPHENOL 88-06-2 380 380 ug/Kg U 2 IN SS40079AF 360 ug/Kg | U 42393 0 2.4.6-TRICHLOROPHENOL 88-06-2 360 SS40082AF 2,4,6-TRICHLOROPHENOL 42593 6! IN 88-06-2 350 350 ug/Kg | U SS40080AE 2.4.6-TRICHLOROPHENOL 42693 0 2 IN 88-06-2 520 520 ug/Kg | U 0 SS40056AE 42993 2 IN 2.4.6-TRICHLOROPHENOL 88-06-2 370 370 ug/Kg | U V SS40084AE 43193 2.4.6-TRICHLOROPHENOL 0 2IIN 88-06-2 360 360|ug/Kg | U 6 IN 43393 SS40087AE 4 2.4.6-TRICHLOROPHENOL V 188-06-2 350 350 ug/Kg U 43493 SS40086AE 2.4.6-TRICHLOROPHENOL 0 2 IN 88-06-2 380 380 ug/Kg | U 43693 6IIN SS40089AE 2.4.6-TRICHLOROPHENOL 88-06-2 350 350|ug/Kg | U īV 2,4,6-TRICHLOROPHENOL 43793 0 2 IN SS40088AE 88-06-2 380 380 ug/Kg | U V 43893 2:IN SS40010AE 2,4,6-TRICHLOROPHENOL 0 88-06-2 400 400 ug/Kg | U īV 43993 0 2IIN SS40091AE 2,4,6-TRICHLOROPHENOL 88-06-2 380 380 ug/Kg | U V 44093 0 SS40090AE 2,4,6-TRICHLOROPHENOL 188-06-2 400 400 ug/Kg U 44393 2 IN SS40005AE 2,4,6-TRICHLOROPHENOL ō 88-06-2 380 380 ug/Kg | U īV 44893 0 SS40070AE 2,4,6-TRICHLOROPHENOL 88-06-2 440 440 ug/Kg U 45693 SS40094AE Ö 2,4,6-TRICHLOROPHENOL 88-06-2 480 480|ug/Kg !U 45793 0 2IIN SS40015AE 2,4,6-TRICHLOROPHENOL 88-06-2 500 500 ug/Kg | U 46193 SS40096AE 2,4,6-TRICHLOROPHENOL ō 2 IN 88-06-2 420 420 ug/Kg U 46693 6 IN SS40141AE 2,4,6-TRICHLOROPHENOL 88-06-2 330 360 ug/Kg | U 46793 4 6 IN SS40142AE 2,4,6-TRICHLOROPHENOL 188-06-2 330 360 ug/Kg | U 330 46893 4 6IIN SS40143AE 2,4,6-TRICHLOROPHENOL 88-06-2 370 ug/Kg | U 47093 O 1 IN SS40145AF 2,4,6-TRICHLOROPHENOL 88-06-2 370 ug/Kg | U 330 SS400293 2,4,6-TRICHLOROPHENOL 0 21IN ISS40018AF 88-06-2 460 460 ug/Kg iU īV SS400393 0 2 IN SS40019AF 2.4.6-TRICHLOROPHENOL 88-06-2 350 350 ug/Kg |U SS400593 a 21 IN SS40021AF 2,4,6-TRICHLOROPHENOL 88-06-2 340 340 ug/Kg | U Ī SS400693 SS40022AE 2 IN 12,4,6-TRICHLOROPHENOL 88-06-2 360

5

360|ug/Kg | U

| | , | | | Table A.2 - Solar | Evaporat | ion Ponds AOC - Analytical Res | ults for Surf | ace Soils - Or | | | | |
|------------------------|----------------|--------------|-------------|--------------------------|---------------|--|----------------------|----------------|--------|--------------------|------------|---|
| LOCATION CODE | DEPTH START | DEPTH END | UNIT | SAMPLE NUMBER | | ANALYTE | CAS NO. | DETECTION | RESULT | | LAB RESULT | VALIDATION QUALIFIER |
| SS400793 | 0 | | | | | | 88-06-2 | 380 | | 0 ug/Kg | | V |
| SS400893 SS401193 | 0 | | | S\$40024AE S\$40027AE | | | 88-06-2 88-06-2 | 460 480 | | 0 ug/Kg 0 ug/Kg | | !V |
| SS401293 | 0 | ~~~~~~~~ | | | - | CHLOROPHENOL | 88-06-2 | 360 | | 0 ug/Kg | | V |
| SS401393 | , 0 | | IN | SS40029AE | | CHLOROPHENOL | 88-06-2 | 470 | | 0 ug/Kg | | V |
| SS401593 | 0 | | | | | | 88-06-2 | 430 | | 0.ug/Kg | | V |
| SS401693 SS401893 | 0 | | | | | | 88-06-2 88-06-2 | 360 380 | | 0 ug/Kg | | V |
| SS402393 | 0 | | | | | | 88-06-2 | 380 | | 0 ug/Kg 0 ug/Kg | | V |
| SS402593 | 0 | | | | | | 88-06-2 | 440 | | 0 ug/Kg | | v |
| SS402793 | 0 | | | | | | 88-06-2 | 370 | | 0 ug/Kg | | V |
| SS402893 | 0 | | | | | | 88-06-2 | 350 | | 0 ug/Kg | | V |
| SS402993 SS403093 | 0 | | | | | | 88-06-2 88-06-2 | 340 700 | | 0 ug/Kg 0 ug/Kg | | IV IV |
| SS403193 | Ö | | | | | · · · · · · · · · · · · · · · · · · · | 88-06-2 | 460 | | 0 ug/Kg | | v |
| SS403293 | 0 | | | | | | 88-06-2 | 440 | 440 | ug/Kg | ĪŪ | V |
| SS403393 | 0 | | | | | CHLOROPHENOL | 88-06-2 | 630 | | 0 ug/Kg | | V |
| SS403493 SS403593 | 0; | | | | | | 88-06-2 88-06-2 | 420 390 | | 0 ug/Kg | | V V |
| SS403693 | 0 | | <u></u> | | | | 88-06-2 | 390 | | ug/Kg ug/Kg | | V. |
| SS810893 | 0 | | | | | | 88-06-2 | 330 | | ug/Kg | | V |
| SS811193 | 0 | | | | | | 88-06-2 | 330 | | Jug/Kg | | V |
| SS811493 05093 | 0 | | | | | | 88-06-2 | 330 | | Jug/Kg | | V |
| 05193 | 0 | | | ······ | | | 120-83-2 120-83-2 | 360) 380 | | oug/Kg oug/Kg | | Z V |
| 05393 | 0 | | | | | | 120-83-2 | 360 | | ug/Kg ug/Kg | | Z |
| 40093 | 0 | 2 | | | | | 120-83-2 | 480 | | ug/Kg | | V |
| 40293 | 0 | | | | | | 120-83-2 | 450 | | ug/Kg | | V |
| 40393 40693 | 0 | | | | | | 120-83-2 | 440 | | ug/Kg | | V |
| 40793 | 0 | | | | | | 120-83-2 120-83-2 | - 600 590 | | ug/Kg | | V |
| 40893 | ō | | | | | | 120-83-2 | 330 | | ug/Kg | | V |
| 40993 | 0 | 2 | IN | | | | 120-83-2 | 390 | | ug/Kg | | V |
| 41103 | 0 | | | | | | 120-83-2 | 500 | | ug/Kg | | V |
| 41293 41593 | 0 4 | | | | | | 120-83-2 | 740 | | ug/Kg | | V |
| 41693 | 0 | | | | | | 120-83-2 120-83-2 | 350 450 | | lug/Kg lug/Kg | | V |
| 41793 | 0 | | IN | SS40077AE | | | 120-83-2 | 390 | | ug/Kg | | |
| 41993 | 0 | | | | | | 120-83-2 | 400 | 400 | ug/Kg | U | |
| 42093 42193 | 0 | | | | | | 120-83-2 | 350 | | ug/Kg | | V |
| 42299 | 0 | | | | | | 120-83-2 120-83-2 | 350 380 | | ug/Kg | | 7 |
| 42393 | 0 | | | ····· | | | 120-83-2 | 360 | | ug/Kg ug/Kg | | <u>, </u> |
| 42593 | 4 | 6 | | | | | 120-83-2 | 350 | | ug/Kg | | · |
| 42693 | 0. | | | | | | 120-83-2 | 520 | | ug/Kg | | J |
| 42993 43193 | 0 | | | | | **** | 120-83-2 | 370 | | ug/Kg | | V |
| 43393 | 4 | ····· | | | | | 120-83-2 120-83-2 | 360 350 | | ug/Kg ug/Kg | | V |
| 43493 | 0 | | | | | | 120-83-2 | 380 | | ug/Kg | | J |
| 43893 | 4: | | | | | | 120-83-2 | 350 | | ug/Kg | | V |
| 43793 | 0 | | | | | | 120-83-2 | 380 | | ug/Kg | | V |
| 43893 43993 | 0 | | | | | | 120-83-2 120-83-2 | 400 | | ug/Kg ug/Kg | | <u>V · </u> |
| 44093 | 0 | | | | | | 120-83-2 | 400 | | ug/Kg | | <u>V</u> |
| 44393 | 0 | 2 | IN | SS40005AE | 2,4-DICH | LOROPHENOL | 120-83-2 | 380 | | ug/Kg | U | V |
| 44893 | 0 | | | | | | 120-83-2 | 440 | 440 | ug/Kg | U | V |
| 45693. 45793 | 0) 0) | | | | | | 120-83-2 | 480 | | ug/Kg | | V. |
| 46193 | 0; | | | | | | 120-83-2 120-83-2 | 500 420 | | ug/Kg lug/Kg | | V V |
| 46693 | 4 | | intellement | | | ······································ | 120-83-2 | 330 | | ug/Kg | | ř- |
| 46793 | 4 | | | | | OROPHENOL | 120-83-2 | 330 | | ug/Kg | | V |
| 46893 47093 | 4 | | | | | | 120-83-2 | 330 | | ug/Kg | | V |
| SS400293 | 0) 0) | | | | | | 120-83-2 120-83-2 | 330 460 | | ug/Kg | | V |
| SS400393 | 0 | | | | | | 120-83-2 | 350 | | ug/Kg ug/Kg | | V V |
| 3S400593 | 0 | 2 | IN I | SS40021AE | 2,4-DICH | OROPHENOL | 120-83-2 | 340 | | ug/Kg | | v · |
| SS400693 | 0 | | | | | OROPHENOL | 120-83-2 | 360 | 360 | ug/Kg | Ü | V |
| SS400793 SS400893 | 0 | | | | | | 120-83-2 | 380 | | ug/Kg | | V |
| SS400893 | 0 | | | | | | 120-83-2 120-83-2 | 460 480 | | ug/Kg ug/Kg | | v V |
| SS401293 | 0 | | | | | | 120-83-2 | 360 | | ug/Kg ug/Kg | | V |
| SS401393 | 0 | 2 | IN | SS40029AE | 2,4-DICH | OROPHENOL | 120-83-2 | 470 | | ug/Kg | | v |
| SS401593 | 0 | | | | | | 120-83-2 | 430 | 430 | ug/Kg | U | V |
| SS401693 SS401893 | 0 | | | | | | 120-83-2 | 360 | | ug/Kg | | V |
| SS401893 | 0 | | | | | | 120-83-2 120-83-2 | 380 380 | | ug/Kg ug/Kg | | V |
| SS402593 | 0 | | | | | | 120-83-2 | 440 | | ug/Kg | | v |
| 6S402793 | 0 | | | | | | 120-83-2 | 370 | | ug/Kg | | |
| | | | | | | | | | | | | |

7 DC

| 30° 41 4 | ¥ 🐐 🔻 | 4. 3 | 14 | A B. Barren | Evaporation Ponds AOC - An | 4 6 8 | A 24 | A Comment | | Nago. | | A A SA |
|----------------------------|------------|------------|-------------|--|--|-------|----------------------|------------|-----|-------------------------|----------------------|---------------|
| CODE | DEPTH | DEPTH | ÙŃIT | SAMPLE NUMBER | ANALYTE | | CAS NO | DETECTION | | | LAB RESULT QUALIFIER | |
| S402893 | 0 | 2 | IN | SS40044AE | 2,4-DICHLOROPHENOL | | 120-83-2 | 350 | 350 | ug/Kg | Ű | V |
| S402993 S403093 | 0 | | | | 2,4-DICHLOROPHENOL | | 120-83-2 | 340 | | ug/Kg | | V |
| S403093 S403193 | 0 | | | | 2,4-DICHLOROPHENOL 2,4-DICHLOROPHENOL | | 120-83-2 120-83-2 | 700 460 | | ug/Kg | | IV IV |
| \$403293 | 0 | | | SS40048AE | 2,4-DICHLOROPHENOL | | 120-83-2 | 440 | 440 | ug/Kg | U | V |
| 5408393 5403493 | 0 | | | | 2,4-DICHLOROPHENOL 2,4-DICHLOROPHENOL | | 120-83-2 | 630 | | ug/Kg | | IV V |
| 5403493 S403593 | 0 | | | | 2,4-DICHLOROPHENOL | | 120-83-2 120-83-2 | 420 390 | | ug/Kg ug/Kg | | V |
| 9403693 | 0 | | | | 2,4-DICHLOROPHENOL | | 120-83-2 | 390 | 390 | ug/Kg | U | V |
| S810893 S811193 | 0 | 3 | | | 2,4-DICHLOROPHENOL 2,4-DICHLOROPHENOL | | 120-83-2 120-83-2 | 330 330 | | ug/Kg ug/Kg | | IV IV |
| S811493 | 0 | 3 | | | 2,4-DICHLOROPHENOL | | 120-83-2 | 330 | | ug/Kg | | V |
| 5093 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 360 | | ug/Kg | | Z |
| 5193 <u>.</u> 5393 | 0 | 2 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 380 360 | | ug/Kg ug/Kg | | V Z |
| 0093 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 480 | | ug/Kg | | V |
| 0293 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 450 | | ug/Kg | | V |
| 0393; 0 6 93 | 0) 0) | 2 | | | 2,4-DIMETHYLPHENOL 2.4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 440 600 | | ug/Kg ug/Kg | | V |
| 793 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 590 | | ug/Kg | | v |
| 893 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 330 | | ug/Kg | | V . |
|)993 193 | 0 | 2 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 390 500 | | ug/Kg ug/Kg | | V V |
| 293 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 740 | | ug/Kg | | V |
| 593 | 4 | 6 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 350 | | ug/Kg | | V |
| 693 793 | 0 | 2 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 450 390 | | ug/Kg | | V |
| 1993 | 0 i | 2 | IN | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 400 | | ug/Kg | | |
| 2093 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 350 | | ug/Kg | | V |
| 2193 2293 | 4; 0 | 6 1 2 1 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 | 350 380 | | ug/Kg ug/Kg | | V J |
| 393 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 360 | | ug/Kg | | V |
| 593 | 4 | 6 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 350 | | ug/Kg | | V |
| :693 :993 | 0 | 2 2 | | # 14 \$ C \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 520 370 | | ug/Kg ug/Kg | | J V |
| 1193 | o | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 360 | | ug/Kg | | <u> </u> |
| 393 493 | 4 | 6 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 350 | 350 | ug/Kg | J [| V |
| 693 | 4 | 2 l 6 l | <u> </u> | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 380 350 | | ug/Kg | | V V |
| 793 | 0 | 2 1 | N | SS40088AE | 2,4-DIMETHYLPHENOL | | 105-67-9 | 380 | | ug/Kg | Ū | V |
| 893 993 | 0 | 2 2 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 | 400 | | ug/Kg | | V |
| 093 | 0 | 2:1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 380 400 | | ug/Kg | | V |
| 393- | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 380 | 380 | ug/Kg | J | V |
| 893 693 | 0 | 2 I 2 I | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 440 480 | | ug/Kg | | <u>v</u> |
| 793. | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 500 | | ug/Kg l | | V |
| 193: | 0 | 2 | | | 2,4-DIMETHYLPHENOL | 1 | 105-67-9 | 420 | 420 | ug/Kg | J | V |
| 693 793 | 4 | 6]I 6[I | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 330 330 | | ug/Kg | | <u>V</u> V |
| 893 | . 4 | 61 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 330 | | ug/Kg l | | <u>v</u> |
| 093 | 0 | 111 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 330 | 370 | ug/Kg | J j | V . |
| 400293 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 460 350 | | ug/Kg l | | V V |
| 400593 | 0 | 211 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 340 | | ug/Kg I | | v V |
| 400693 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 360 | 360 | ug/Kg | J | V |
| 400793 400893 | 0; 0 | 2il 2il | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 380 460 | | ug/Kg (l ug/Kg (l | | <u>v</u> |
| 401193 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 480 | | ug/Kg (| | <u>v</u> |
| 401293 | 0 | 2 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 360 | 360 | ug/Kg | j į | V |
| 401393 401593 | 0 | 2 2 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 470 430 | | ug/Kg l | | v V |
| 401693 | O. | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 360 | | ug/Kg it | | v |
| 401893 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 380 | 380 | ug/Kg (| j j | V |
| 402393 402593 | 0 | 2 I 2 I | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 380 440 | | ug/Kg l ug/Kg l | | v v |
| 402793 | 0 | 2 1 | N ' | SS40043AE : | 2,4-DIMETHYLPHENOL | | 105-67-9 | 370 | | ug/Kg (l | | V |
| 402893 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 350 | 350 | ug/Kg (|) | V |
| 402993 403093 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 700 | | ug/Kg l ug/Kg l | | v V |
| 403193 | 0 | 2 1 | N : | SS40047AE | 4-DIMETHYLPHENOL | | 105-67-9 | 460 | | ug/Kg (| | <u>v</u> |
| 403293 | 0 | 21 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 440 | 440 | ug/Kg l | j j | V |
| 403393 403493 | 0 | 211 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | | 105-67-9 105-67-9 | 630 420 | 630 | ug/Kg l ug/Kg l |) [' | v V |
| 403593 | 0 | 2 1 | Ñ : | SS40051AE | 4-DIMETHYLPHENOL | | 105-67-9 | 390 | | ug/Kg (| J I | V |
| 403693 | 0 | 2 1 | | | 2,4-DIMETHYLPHENOL | | 105-67-9 | 390 | 390 | ug/Kg | j İ | V |
| 810893 811193 | 0 | 3 1 | | | 2,4-DIMETHYLPHENOL 2,4-DIMETHYLPHENOL | 1 | 105-67-9 | 330 | 340 | ug/Kg (l | را ا | v |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 33 * LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION The same CAS NO. CODE START END UNIT SAMPLE NUMBER ANALYTE RESULT UNITS QUALIFIER UMIT QUALIFIER ISS811493 2 4-DIMETHYLPHENOL Ö 3 IN SSG0108JE 105-67-9 330 380 ug/Kg | U 05093 õ SS00002AE 2IIN 2.4-DINITROPHENOL 151-28-5 1800 1800|ug/Kg |U 0 105193 2!IN SS00003AE 2.4-DINITROPHENOL 51-28-5 1900 1900 ug/Kg | U īv 05393 SS00005AE 2.4-DINITROPHENOL ō 2 IN 51-28-5 1800 1800|ug/Kg | U Z 0 2,4-DINITROPHENOL 51-28-5 40093 2IIN SS40060AE 2400 2400 ug/Kg | U IV 40293 ō 2IN SS40042AE 2,4-DINITROPHENOL 151-28-5 2200 2200 ug/Kg | U ī 40393 0 SS40053AE 2,4-DINITROPHENOL 2200 151-28-5 2200 ug/Kg | U V 40693 O 2IN SS40057AE 2,4-DINITROPHENOL 3000 ug/Kg | U 51-28-5 3000 īV 40793 0 SS40058AE 2,4-DINITROPHENOL 51-28-5 2900|ug/Kg |U !V 2900 SS40004AE 2,4-DINITROPHENOL 40893 O 1600 51-28-5 1900 ug/Kg | U IV 40993 Õ 2 IN SS40072AE 2.4-DINITROPHENOL 151-28-5 ĺν 2000 2000 ug/Kg | U 41193 0 SS40007AE 2,4-DINITROPHENOL 2500 ug/Kg | U 51-28-5 2500 I۷ 41293 SS40071AE 2,4-DINITROPHENOL 51-28-5 3700|ug/Kg | U 0 2IIN 3700 V 41593 4 6IIN SS40073AE 2,4-DINITROPHENOL 1800 ug/Kg | U 151-28-5 1800 41693 O 2 IN SS40410AE 2,4-DINITROPHENOL 51-28-5 2200 2200 ug/Kg | U IV 41793 2,4-DINITROPHENOL O 2IN SS40077AE 51-28-5 1900 1900 ug/Kg | U 41993 n 2! IN SS40009AE 2,4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg | U 42093 0 211N 1SS40480AE 2,4-DINITROPHENOL 51-28-5 1700 1700 ug/Kg | U īī 42193 4 BIIN SS40012AF 2.4-DINITROPHENOL 51-28-5 1700 1700 ug/Kg U ĪV SS40078AF 2.4-DINITROPHENOL 42293 21IN 51-28-5 1900 1900 ug/Kg | U 42393 0 2 IN SS40079AE 2 4-DINITROPHENOL 51-28-5 1800 1800 ug/Kg U V 42593 SS40082AF 4 6 IN 2 4-DINITROPHENOL 51-28-5 1800 1800 ug/Kg | U 42693 2.4-DINITROPHENOL SS40080AE 0 2IIN 51-28-5 2600 2600 ug/Kg U SS40056AE 42993 0 2 4-DINITROPHENOL 2 IN 51-28-5 1800 1800 ug/Kg | U 2.4-DINITROPHENOL 43193 0 2IN SS40084AE 151-28-5 1800 1800 ug/Kg |U 43393 6 IN SS40087AF 2.4-DINITROPHENOL 51-28-5 1800 1800 ug/Kg | U IV 43493 SS40086AE 2,4-DINITROPHENOL 0 21IN 151-28-5 1900 1900 ug/Kg | U J 6IN S\$40089AE 2,4-DINITROPHENOL 4 51-28-5 1800 1800 ug/Kg | U V 43793 SS40088AE 2,4-DINITROPHENOL 51-28-5 1900 1900 ug/Kg | U ĺν SS40010AE 43893 0 2,4-DINITROPHENOL 51-28-5 IV 2000 2000 ug/Kg | U 2,4-DINITROPHENOL 43993 2 IN SS40091AE 51-28-5 1900 1900|ug/Kg |U V 44093 0 2IIN SS40090AE 2,4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg | U 44393 SS40005AE 2,4-DINITROPHENOL 0 51-28-5 1900 1900 ug/Kg | U IV 44893 0 2 IN JSS40070AF 2,4-DINITROPHENOL 151-28-5 2200 2200 ug/Kg U 45693 Oi 2 IN SS40094AE 2,4-DINITROPHENOL 51-28-5 2400 2400 ug/Kg | U 45793 0 2IIN SS40015AE 2,4-DINITROPHENOL 51-28-5 2500 2500 ug/Kg | U 46193 0 2||N SS40096AE 2,4-DINITROPHENOL 51-28-5 2100 2100 ug/Kg | U 46693 4 6 IN SS40141AE 2,4-DINITROPHENOL 51-28-5 1800 ug/Kg | U 46793 SIIN SS40142AE 2,4-DINITROPHENOL 51-28-5 1600 1800 ug/Kg | U 46893 4 6IIN SS40143AE 2,4-DINITROPHENOL 51-28-5 1600 1800 ug/Kg U 47093 ō 1IIN SS40145AF 2.4-DINITROPHENOL 51-28-5 1600 1800 ug/Kg | U SS400293 O 2 IN SS40018AF 2,4-DINITROPHENOL 51-28-5 2300 2300 ug/Kg | U SS400393 0 SS40019AF 2IIN 2 4-DINITROPHENOL 151-28-5 1700 1700 ug/Kg | U SS400593 SS40021AF 2 4-DINITROPHENOL 0 2 IN 51-28-5 1700 1700 ug/Kg | U īv SS400693 SS40022AF O 21IN 2 4-DINITROPHENOL 1800 ug/Kg | U 51-28-5 1800 SS400793 SS40023AE 2.4-DINITROPHENOL 0 21IN 51-28-5 1900 1900 ug/Kg U ÍV SS400893 SS40024AE 2.4-DINITROPHENOL 2 IN 51-28-5 2300 2300 ug/Kg | U \$\$401193 SS40027AE 2,4-DINITROPHENOL 2 IN 151-28-5 2400 2400 ug/Kg | U SS401293 0 2 IN SS40028AE 2,4-DINITROPHENOL 151-28-5 1800 1800 ug/Kg | U \$\$401393 SS40029AE 2,4-DINITROPHENOL 51-28-5 2400 2400 ug/Kg | U V SS401593 SS40031AE ō 2,4-DINITROPHENOL 151-28-5 2200 2200|ug/Kg | U SS401693 SS40032AE 0 2,4-DINITROPHENOL 51-28-5 1800 1800 ug/Kg | U V SS401893 SS40034AE 2,4-DINITROPHENOL 0 2 IN 51-28-5 1900 1900 ug/Kg U SS402393 SS40039AE 2,4-DINITROPHENOL 51-28-5 1900 1900 ug/Kg | U V 2,4-DINITROPHENOL SS402593 Õ 2 IN SS40041AE 151-28-5 2200 2200 ug/Kg | U SS402793 SS40043AE .4-DINITROPHENOL 151-28-5 1800 1800 ug/Kg | U īV SS402893 SS40044AE 2,4-DINITROPHENOL 0 2 IN 51-28-5 1800 1800 ug/Kg | U SS402993 2|IN SS40045AE 2,4-DINITROPHENOL 0 1700 ug/Kg U 51-28-5 1700 V SS403093 0 2 IN SS40046AE 2,4-DINITROPHENOL 3500 ug/Kg U 51-28-5 3500 SS403193 0 2 IN SS40047AE 2,4-DINITROPHENOL 51-28-5 2300|ug/Kg | U 2300 IV SS403293 0 2 IN S\$40048AE 2,4-DINITROPHENOL 51-28-5 2200 2200 ug/Kg | U SS403393 0 2 IN SS40049AE 2,4-DINITROPHENOL 51-28-5 3100 3100 ug/Kg | U SS403493 0 2 IN SS40050AE 2,4-DINITROPHENOL 51-28-5 2100 2100 ug/Kg | U S\$403593 n 2!IN ISS400514F 2.4-DINITROPHENOL 151-28-5 2000 2000 ug/Kg | U SS403693 2,4-DINITROPHENOL 0 2IIN SS40052AF 51-28-5 1900 1900 ug/Kg U SS810893 0 3!IN SSG0102JE 2.4-DINITROPHENOL 51-28-5 1600 1700 ug/Kg | U SS811193 0 SSG0105JF 2.4-DINITROPHENOL 31IN 51-28-5 1600 1700 ug/Kg | U V S\$811493 SSG0108JE 0 3IIN 2,4-DINITROPHENOL 51-28-5 1600 1800 ug/Kg | U 0 SS00002AE 2.4-DNT 211N 121-14-2 360 360 ug/Kg U Z 05193 0 SS00003AE 2!IN 2.4-DNT 121-14-2 380 380 ug/Kg | U 05393 SS00005AE 2,4-DNT 121-14-2 360 360 ug/Kg | U IZ 40093 0 21IN SS40060AF 2,4-DNT 121-14-2 480 480 ug/Kg !U īv 40293 0 SS40042AE 2,4-DNT 450 ug/Kg | U 121-14-2 450 V 40393 0 2 IN SS40053AE 2,4-DNT 121-14-2 440 440 ug/Kg | U īv 40693 0 SS40057AE 2.4-DNT 121-14-2 600 600 ug/Kg |U IV 2,4-DNT 40793 0 2IIN SS40058AE 121-14-2 590 590 ug/Kg U īV 40893 0 SS40004AE 2 IN 2.4-DNT 121-14-2 330 400 ug/Kg U 40993 2IN SS40072AE 2,4-DNT 121-14-2 390 390 ug/Kg | U V

Mel

| | | | | | Evaporation Ponds AOC - Analytical Res | | | rganics | | L. Sa as de si | |
|------------------------|---------|-----|-------------|------------------------|--|----------------------|--------------|---------|--------------------|----------------|---------------|
| LOCATION | | | * 27 | | | 2 44 | DETECTION | | | LAB RESULT | |
| CODE | | | | SAMPLE NUMBER | ANALYTE | CAS NO. | UMIT | RESULT | UNITS | QUALIFIER | |
| 41193 41293 | 0 | | | SS40007AE SS40071AE | | 121-14-2 121-14-2 | 500 740 | | ug/Kg ug/Kg | | iv IV |
| 41593 | 4 | | | SS40073AE | | 121-14-2 | 350 | | ug/Kg | | V |
| 41693 | 0 | | | | | 121-14-2 | 450 | 450 | ug/Kg | U | V |
| 41793 | 0 | | | | | 121-14-2 | 390 | | ug/Kg | | |
| 41993 42093 | 0 | | | | | 121-14-2 121-14-2 | 400 350 | | ug/Kg ug/Kg | | v |
| 42193 | 4 | | | | · | 121-14-2 | 350 | | ug/Kg | | !V |
| 42293 | 0 | 2 | | | | 121-14-2 | 380 | | ug/Kg | | J |
| 42393 | 0 | | | | | 121-14-2 | 360 | | ug/Kg | | V · |
| 42593 42693 | 4 0 | | | | | 121-14-2 | 350 | | ug/Kg | | V |
| 42993 | 0 | | | | | 121-14-2 121-14-2 | 520 370 | | ug/Kg ug/Kg | | Λ 1 |
| 43193, | 0 | | | | | 121-14-2 | 360 | | ug/Kg | | |
| 43393 | 4 | | | | | 121-14-2 | 350 | 350 | ug/Kg | U | V |
| 43493 | 0 | | | | | 121-14-2 | 380 | | ug/Kg | | J |
| 43693 43793 | 4 0 | | | | | 121-14-2 121-14-2 | 350 380 | | ug/Kg ug/Kg | | lv iv |
| 43893 | 0 | | | | | 121-14-2 | 400 | <u></u> | ug/Kg | | V |
| 43993 | Ö | | | | | 121-14-2 | 380 | | ug/Kg | | V |
| 44093 | 0 | | | | | 121-14-2 | 400 | 400 | ug/Kg | U | |
| 44393 | 0 | | | | | 121-14-2 | 380 | | ug/Kg | | V |
| 44893. 45693 | 0 | | | | | 121-14-2 121-14-2 | 440 480 | | ug/Kg ug/Kg | | V V |
| 45793 | 0 | | | | | 121-14-2 | 480 500 | | ug/Kg ug/Kg | | V |
| 46193 | Ö | | | | | 121-14-2 | 420 | | ug/Kg | | V |
| 46693 | 4 | | | | 2,4-DNT | 121-14-2 | 330 | | ug/Kg | | V |
| 46793 | 4 | | | | | 121-14-2 | 330 | | ug/Kg | | V |
| 46893 47093 | 4 0 | | | | | 121-14-2 | 330 | | ug/Kg | | V |
| SS400293 | 0 | | | | | 121-14-2 121-14-2 | 330 460 | | ug/Kg ug/Kg | | V V |
| \$\$400393 | 0 | | | | | 121-14-2 | 350 | | ug/Kg | | V |
| SS400593 | 0 | 2 | | | | 121-14-2 | 340 | 340 | ug/Kg | U | v |
| SS400693 | 0 | | | | | 121-14-2 | 360 | | ug/Kg | | V |
| SS400793 SS400893 | 0; | 2 | | | | 121-14-2 | 380 | | ug/Kg | | V |
| S\$400893 | 0 | 2 | | | | 121-14-2 121-14-2 | 460 480 | | ug/Kg ug/Kg | | V |
| SS401293 | 0 | 2 | | | | 121-14-2 | 360 | | ug/Kg | | V |
| SS401393 | 0 | 2 | | | | 121-14-2 | 470 | | ug/Kg | | V |
| SS401593 | 0 | 2 | | | | 121-14-2 | 430 | | ug/Kg | | V |
| SS401693 SS401893 | 0 | 2 | | | | 121-14-2 | 360 | | ug/Kg | | V |
| SS401893 SS402393 | 0 | 2 | | | | 121-14-2 121-14-2 | 380 380 | | ug/Kg ug/Kg | | V |
| SS402593 | 0 | 2 | | | | 121-14-2 | 440 | | ug/Kg | | V |
| S\$402793 | 0 | 2 | | | | 121-14-2 | 370 | | ug/Kg | Ú | V |
| SS402893 | 0 | 2 | | | | 121-14-2 | 350 | | ug/Kg | | V |
| SS402993 SS403093 | 0; 0 | 2 | | | | 121-14-2 | 340 | | ug/Kg | | V |
| SS403093 | 0; | 2 | | | | 121-14-2 121-14-2 | . 700 460 | | ug/Kg i ug/Kg i | | V V |
| SS403293 | 0 | 2 | | | | 121-14-2 | 440 | | ug/Kg | | V |
| SS403393 | 0 | 2 | N . | SS40049AE | | 121-14-2 | 630 | | ug/Kg | | v v |
| SS403493 | 0 | 2 | | | | 121-14-2 | 420 | | ug/Kg | | V. |
| SS403593 SS403693 | 0 0; | 2 | | | | 121-14-2 | 390 | | ug/Kg | | V |
| SS810893 | 0. | 3 | | | | 121-14-2 121-14-2 | 390) 330 | | ug/Kg ug/Kg | | V V |
| SS811193 | 0, | 31 | | | | 121-14-2 | 330 | | ug/Kg | | V |
| SS400393 | 0 | 2 | IN | SS40019AE | 2,6-DI-TERT-BUTYL-4-METHYL | 128-37-0 | | 190 | ug/Kg | JB | Z |
| SS403193 | 0 | 2 | | | | 128-37-0 | | | ug/Kg | | Z |
| 05093 05193 | 0 | 2 | | | | 606-20-2 | 360 | | ug/Kg | | Z |
| 05393 | 0 | 2 | | | | 606-20-2 606-20-2 | 380 360 | | ug/Kg ug/Kg | | V Z |
| 40093 | 0 | 2 | | | | 606-20-2 | 480 | | ug/Kg | | <u> </u> |
| 40293 | 0 | 2 | N : | SS40042AE | 2,6-DNT | 606-20-2 | 450 | | ug/Kg | | · V |
| 40393 | 0 | 2 | | | | 606-20-2 | 440 | 440 | ug/Kg | U | V |
| 40693 40793 | 0 | 2 | | | | 606-20-2 | 600 | | ug/Kg | | V |
| 40893 | 0 | 2 | | | | 606-20-2 606-20-2 | 590 330 | | ug/Kg ug/Kg | | <u>v</u> v |
| 40993 ; | 0 | 2 | | | | 606-20-2 | 390 | | ug/Kg i | | V |
| 41193 | 0 | 2 | N : | SS40007AE | | 606-20-2 | 500 | | ug/Kg | | v |
| 41293 | 0 | 2 | | | | 606-20-2 | 740 | 740 | ug/Kg | U | V |
| 41593 41693 | 4 | 6 | | | | 606-20-2 | 350 | | ug/Kg | | V |
| 41793 41793 | 0 | 2 | | | | 606-20-2 606-20-2 | 450 390 | | ug/Kg | | V |
| 41993 | 0. | 2 | | | | 606-20-2 | 400 | | ug/Kg ug/Kg | | |
| 42093 | 0 | 2 | | | | 606-20-2 | 350 | | ug/Kg | | v |
| 42193 | 4 | 6 | N I | \$\$40012AE | 2,6-DNT (| 606-20-2 | 350 | | ug/Kg | U | V |
| | | | | | O C DAIT | | | | | | |
| 2293 | 0 | 2 1 | | | | 606-20-2 606-20-2 | 380 360 | | ug/Kg ug/Kg | | Ŋ V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LAB RESULT VALIDATION

SAMPLE NUMBER

ANALYTE

CASINO

LIMIT RESULT UNITS

OUALIFIER

OUALIFIER

| LOCATION DI | | DEPTH | * | SAMPLE NUMBER | ANALYTE | | DETECTION | | LAB RESULT | VALIDATION |
|------------------------|----------|-------------|-----------------|---------------|---------------------|----------------------|-------------|--------------------------------|--------------|---------------|
| CODE S1 | TART 4 | | IN | SAMPLE NUMBER | 2,6-DNT | CAS NO. 606-20-2 | LIMIT 350 | | | |
| 42693 | 0 | | | | 2,6-DNT | 606-20-2 | 520 | | | J J |
| 42993 | 0 | 2 | IN | SS40056AE | 2,6-DNT | 606-20-2 | 370 | | | V |
| 43193 | 0 | | | | 2,6-DNT | 606-20-2 | 360 | | | |
| 43393 43493 | 0 | - | | | 2,6-DNT 2,6-DNT | 606-20-2 606-20-2 | 350 | | | <u>v</u> |
| 43693 | 4 | | | ··· | 2,6-DNT | 606-20-2 | 380 | | | V V |
| 43793 | 0 | | L'ANDRESS SALES | | 2,6-DNT | 606-20-2 | 380 | | | ľ |
| 43893 | 0 | | | | | 606-20-2 | 400 | | Ū | V |
| 43993 | 0 | | | | 2,6-DNT | 606-20-2 | 380 | | | V |
| 44093 44393 | 0 | | | | | 606-20-2 606-20-2 | 400 380 | | | |
| 44893 | 0 | | | | | 606-20-2 | 440 | | | V |
| 45693 | 0 | | IN | SS40094AE | | 606-20-2 | 480 | | | v |
| 45793 | 0 | | | | | 606-20-2 | 500 | 500 ug/Kg | j | V |
| 46193 46693 | 0 | | | | | 606-20-2 | 420 | | J | V |
| 46793 | 4 | | | | 2,6-DNT 2,6-DNT | 606-20-2 606-20-2 | 330 330 | | | V V |
| 46893 | 4 | | | | | 606-20-2 | 330 | | | V |
| 47093 | 0 | 1 | IN | SS40145AE | | 606-20-2 | 330 | | | v |
| SS400293 | 0 | | | | | 606-20-2 | 460 | | | ٧ |
| SS400393 SS400593 | 0 | | | | | 606-20-2 | 350 | | | V |
| SS400593 SS400693 | 0 | | | | | 606-20-2 606-20-2 | 340 360 | | | V |
| S\$400793 | 0 | | | | 2,6-DNT | 606-20-2 | 380 | | | V |
| SS400893 | 0 | 2 | IN | SS40024AE | 2,6-DNT | 606-20-2 | 460 | | | v · |
| SS401193 | 0 | | | | | 606-20-2 | 480 | 480 ug/Kg l | J i | V |
| SS401293 SS401393 | 0 | | | | | 606-20-2 | 360 | | | V |
| SS401593 | 0 | | | | | 606-20-2 606-20-2 | 470 430 | | | V V |
| SS401693 | 0 | | | | | 606-20-2 | 360 | | | v V |
| SS401893 | 0 | | | | | 606-20-2 | 380 | | | v · |
| SS402393 | 0 | | | | | 606-20-2 | 380 | 380 ug/Kg l | | V |
| SS402593 SS402793 | 0 | | | | | 606-20-2 | 440 | | | V |
| \$\$402893 | 0 | | | | | 606-20-2 606-20-2 | 370 350 | | | V V |
| SS402993 | 0 | | | | | 606-20-2 | 340 | | | <u>v</u> |
| SS403093 | 0. | | | | 2,6-DNT | 606-20-2 | 700 | 700 ug/Kg l | J | v |
| SS403193 | 0 | | | | | 606-20-2 | 460 | 460 ug/Kg l | J | V |
| SS403293 SS403393 | 0 | | | | | 606-20-2 606-20-2 | 440 | 440 ug/Kg l | | <u>V</u> |
| \$\$403493 | 0 | | | | | 606-20-2 | 630 420 | 630 ug/Kg l 420 ug/Kg l | | V V |
| S\$403593 | 0 | | · | | | 606-20-2 | 390 | 390 ug/Kg | | v |
| SS403693 | 0 | ····· | | | | 606-20-2 | 390 | | | V |
| SS810893 SS811193 | 0 | | | | | 606-20-2 | 330 | 340 ug/Kg l | | V |
| S\$811493 | 0 | | | | | 606-20-2 606-20-2 | 330 330 | 350 ug/Kg L 380 ug/Kg L | | V V |
| P208989 | 0 | | | | | 78-93-3 | 12 | 12iug/Kg | | <u>v</u> |
| 05093 | 0 | | | | | 91-58-7 | 360 | 360 ug/Kg L | | Ž |
| 05193 | 0 | | | | | 91-58-7 | 380 | 380 ug/Kg L | | V |
| 05393 40093 | 0) 0: | | | | | 91-58-7 | 360 | 360 ug/Kg L | | Z |
| 40293 | 0 | | | | | 91-58-7 91-58-7 | 480 | 480 ug/Kg L 450 ug/Kg L | | V · |
| 40393 | 0 | | | · | | 91-58-7 | 450 440 | 440 ug/Kg L | i | <u>v</u> |
| 40693 | 0 | 2 | IN I | SS40057AE | 2-CHLORONAPHTHALENE | 91-58-7 | 600 | | | v |
| 40793 | 0 | | | | | 91-58-7 | 590 | 590,ug/Kg L | J | V |
| 40893 40993 | 0 | | | | | 91-58-7 | 330 | 400 ug/Kg L | | V |
| 41193 | 0 | | | | | 91-58-7 91-58-7 | 390 500 | 390 ug/Kg L 500 ug/Kg L | | <u>v</u> |
| 41293 | 0 | | | | | 91-58-7 | 740 | 740 ug/Kg L | | <u>v</u> V |
| 41593 | 4 | 6 | IN [| SS40073AE | 2-CHLORONAPHTHALENE | 91-58-7 | 350 | 350 ug/Kg L | | <u> </u> |
| 41693 | 0 | | | | 2-CHLORONAPHTHALENE | 91-58-7 | 450 | 450 ug/Kg L | ı İ | v |
| 41793 41993 | 0 | | | | | 91-58-7 | 390 | 390 ug/Kg L | | |
| 42093 | 0 | | | | | 91-58-7 91-58-7 | 400 350 | 400 ug/Kg L 350 ug/Kg L | <u> </u> | |
| 42193 | 4 | | | | | 91-56-7 | 350 | 350 ug/Kg L | | <u>v</u> v |
| 42293 | 0 | 2 | IN : | SS40078AE | 2-CHLORONAPHTHALENE | 91-58-7 | 380 | 380 ug/Kg L | | |
| 42393 | 0; | | | | 2-CHLORONAPHTHALENE | 91-58-7 | 360 | 360 ug/Kg L | į. | V |
| 42593 42693 | 4 | | | | | 91-58-7 | 350 | 350 ug/Kg L | | V |
| 42693 | 0 | 2 | | | | 91-58-7 91-58-7 | 520 370 | 520 ug/Kg L 370 ug/Kg L | | У |
| 43193 | 0 | 2 | | | | 91-58-7 | 360 | 3/0 ug/Kg L | | <u> </u> |
| 43393 | 4 | 6 | IN S | SS40087AE | 2-CHLORONAPHTHALENE | 91-58-7 | 350 | 350 ug/Kg iL | | V |
| 43498 | 0 | 2 | | | | 91-58-7 | 380 | 380 ug/Kg L | ļ., | J |
| 43693 43793 | 0 | 6 | | | | 91-58-7 | 350 | 350 ug/Kg L | | V |
| 43893 | 0 | 2 | | | | 91-58-7 91-58-7 | 380 400 | 380 ug/Kg L 400 ug/Kg L | | V |
| 43993 | 0 | 2 | | | | 91-58-7 | 380 | 380 ug/Kg L | | V V |
| | | | | | | | 300, | SSS LIGHTY C | <u>'l'</u> | <u> </u> |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

| COCK TOTAL PART COCK PART COCK COCK CALLARY CALL | 4 - 4 mg 3 - 40 | A 22 a . | 18 | | Evaporation Ponds AUC - Analytical Res | *(:: :: :: | <u> </u> |) | , | 1 | 33 V V |
|--|--|--|------|---------------|---|--------------|-----------|--|---------------|---|-----------------------------|
| CODE STANT EVO LUMT SAMPLENIMER | | | * ** | | 第一十十二十五十二十五十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二 | 美兴 ·美 | DETECTION | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | \$ · · | LAB RESULT | |
| 2695 0 2 N \$540504E 2-CHOROMAPPHALENE 01-6-7 300 300 ug/sq U V V V V V V V V V | | | NIT | SAMPLE NUMBER | ANALYTE A A A A | CAS NO. | | | ITS | | |
| 4493 | which have been a second to the second | · President Accommendation of the con- | | | | | | | | | the Farmer Administrational |
| AGEST Q | | | | | | 91-58-7 | | | | | V |
| 1985 0 2 N | | | | | | | | | | | |
| 45793 Q. Z.IN. ISSA00564E Z.CHLORONAPHTHALENE 91-58-7 500 | | | | | | | | | | | |
| 1819 1 SACOSSAE | | | | | | | | | | | |
| 4 6 N SSA014AE 2.CPICRONAPHTHALENE 91-8-7 330 380 lug/fig U V V V V V V V V V | | | | | | | | | | | |
| 4 6 N SSA01424E 2.0FLICRONAPHTHALENE 61-55-7 330 350 uprig U V V V V V V V V V | | | | | | | | | | | |
| ## # ## # # # # # # # # # # # # # # # | | and the same of th | | | | | | | | | |
| 2793 0 1 N SACO1846 2.CH.OROMAPHTHALEN 81-5-7 330 370 μp/G U V V V V V V V V V | | | | | | | | | | | |
| SSE00935 O Z N SSE00946 Z-CHLORONAPHTHALENE 91-86-7 460 460 UN V SSE00936 O Z N SSE00936 C Z N SSE00936 O | | | | | | | | | | | |
| SS400939 0 2 IN SS40071AE Z.CHLORONAPHTHALENE 91-567 350 350 1976 U V SS400950 0 2 IN SS40071AE Z.CHLORONAPHTHALENE 91-567 360 350 1976 U V V SS400950 0 2 IN SS4002AE Z.CHLORONAPHTHALENE 91-567 360 350 1976 U V V V V V V V V V | | | | | | | | | | | |
| SS400959 0, 211N SS40021AE 2-CHLORONAPHTHALENE 91-58-7 340 340 340 V | | | | | | | | | | | |
| SS400989 0 2 IN SS40022AE 2-CH-LOROARPHTHALENE 91-56-7 360 360 390 3976 U V SS400285 0 2 IN SS40028AE 2-CH-LOROARPHTHALENE 91-56-7 360 360 390 3976 U V SS40028AE 2-CH-LOROARPHTHALENE 91-56-7 360 360 390 3976 U V V SS40028AE 2-CH-LOROARPHTHALENE 91-56-7 360 360 3976 U V V V V V V V V V | | | | | | | | | | | |
| SS400795 | | | | | | | | | | | |
| \$\$400993 0 21N \$\$40024AE 2.CHLGROMAPHTHALENE 61-58-7 460 460 ug/ng U V \$\$501930 0 21N \$\$40027AE 2.CHLGROMAPHTHALENE 61-58-7 460 460 ug/ng U V \$\$501930 0 21N \$\$40028AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$501930 0 21N \$\$40028AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$501930 0 21N \$\$40028AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$50038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$50038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 360 350 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$6402330 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 370 ug/ng U V \$\$8402300 0 21N \$\$40038AE 2.CHLGROMAPHTHALENE 61-58-7 370 | | | | | | | | | | | |
| SA01198 | | | | | | | | | | <u>, </u> | |
| SS-017930 0 21 N SS-00029AE 2.CHLORONAPHTHALENE 91-58-7 360 369.ug/Ng U V SS-017930 0 21 N SS-00039AE 2.CHLORONAPHTHALENE 91-58-7 470 479.ug/Ng U V V SS-017930 0 21 N SS-00031AE 2.CHLORONAPHTHALENE 91-58-7 430 439.ug/Ng U V V V V V V V V V | | | | | | | | | | | |
| SS401939 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 470 470; g/Fq U V V SS401959 0 2 IN SS40031AE 2-CH-LORONAPHTHALENE 91:55-7 430 430; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 360; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 360; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 360; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 360; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 360; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 360; g/Fq U V V SS401958 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 370 370; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 370 370; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 370 370; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 360 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 700 770; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 700 770; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 400 360; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 400 360; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 400 360; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 91:55-7 300 350; g/Fq U V V SS402959 0 2 IN SS4003AE 2-CH-LORONAPHTHALENE 9 | | | | | | | | | | | |
| SS401958 0 2 IN SS40031AE 2-CHLORONAPHTHALENE 91-59-7 430 430 UNIV UNIV SS401958 0 2 IN SS40032AE 2-CHLORONAPHTHALENE 91-59-7 380 380 UNIV UNIV SS401958 0 2 IN SS4003AE 2-CHLORONAPHTHALENE 91-59-7 380 380 UNIV UNIV UNIV SS401958 0 2 IN SS4003AE 2-CHLORONAPHTHALENE 91-59-7 380 380 UNIV UNIV UNIV UNIV UNIV UNIV UNIV UNIV | | | | | | | | | | | |
| SS401980 0 2 IN SS40032AE Z-CHLOROMAPHTHALENE 91-58-7 3860 360 Ug/Kg U V SS401980 0 2 IN SS40034AE Z-CHLOROMAPHTHALENE 91-58-7 3860 380 Ug/Kg U V SS401930 0 2 IN SS40034AE Z-CHLOROMAPHTHALENE 91-58-7 3800 380 Ug/Kg U V V SS401930 0 2 IN SS40014AE Z-CHLOROMAPHTHALENE 91-58-7 3800 380 Ug/Kg U V V V V V V V V V | | | | | | | 470 | 470 ug/l | < g | U ! | V |
| SA01988 0 2 IN SSA003AE Z-CHLOROMAPHTHALENE 91-59-7 3807 3801 3801 3801 3801 V V S8402596 0 2 IN SSA003AE Z-CHLOROMAPHTHALENE 91-59-7 380 | | | | | 2-CHLORONAPHTHALENE | 91-58-7 | 430 | 430 ug/l | ⟨g | U | V |
| SA01989 0 2 IN S\$4003AE 2 CHLOROMAPHTHALENE 91-59-7 380 380 ug/kg U V S\$400258 0 2 IN S\$4003AE 2 CHLOROMAPHTHALENE 91-59-7 380 380 ug/kg U V S\$400258 0 2 IN S\$4003AE 2 CHLOROMAPHTHALENE 91-59-7 380 380 ug/kg U V V S\$400258 0 2 IN S\$400254 2 CHLOROMAPHTHALENE 91-59-7 370 370 ug/kg U V V V V V V V V V | | | | | 2-CHLORONAPHTHALENE | 91-58-7 | 360 | | | | V |
| SEA02539 0 2 IN SEA003AE ZCHLOROMAPHTHALENE 91-59-7 380 380 ug/Kg U V SEA02578 0 2 IN SEA0011AE ZCHLOROMAPHTHALENE 91-59-7 370 370 ug/Kg U V SEA02578 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 370 370 ug/Kg U V V SEA02578 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 350 370 ug/Kg U V V SEA02589 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 350 300 ug/Kg U V V SEA02589 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 350 340 ug/Kg U V V SEA02589 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 350 340 ug/Kg U V V SEA02589 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 440 440 ug/Kg U V V SEA02589 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 440 440 ug/Kg U V V SEA02589 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 450 420 ug/Kg U V V SEA03599 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 450 420 ug/Kg U V SEA03599 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 390 390 ug/Kg U V SEA03599 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 390 390 ug/Kg U V SEA03599 0 2 IN SEA0014AE ZCHLOROMAPHTHALENE 91-59-7 390 390 ug/Kg U V SEA0149AE ZCHLOROMAPHTHALENE 91-59-7 390 | \$\$401893 C | 2 IN |]: | SS40034AE | 2-CHLORONAPHTHALENE | 91-58-7 | | | | | |
| SS402993 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 370 370 1976) U V V SS402985 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 370 370 1976) U V V SS402985 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 360 380 1976) U V V SS402985 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 360 380 1976) U V V SS402985 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 360 380 1976) U V V SS402985 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 360 380 1976) U V V SS402985 0 2 IN SS4004AE 2-CHLORONAPHTHALENE (91-58-7 460 480 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 460 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 460 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 460 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 460 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 460 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 2 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402985 0 3 IN SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLORONAPHTHALENE (91-58-7 380 380 1976) U V V SS402984 2-CHLOR | SS402393 C | 2 IN | | SS40039AE | 2-CHLORONAPHTHALENE | 91-58-7 | 380 | | | | |
| SS402783 0 2 IN SS4004A8E 2.CHLORONAPHTHALENE | SS402593 C | 2 IN | | | 2-CHLORONAPHTHALENE | 91-58-7 | | | | | |
| SS402893 0 2 IN SS4004A4E 2 C-FLORONAPHTHALENE 91-58-7 330. 350 ug/kg i U V V SS400393 0 2 IN SS4004A5E 2 C-FLORONAPHTHALENE 191-58-7 340 340 ug/kg i U V V SS400393 0 2 IN SS4004A6E 2 C-FLORONAPHTHALENE 191-58-7 700. 700 ug/kg i U V V SS400393 0 2 IN SS4004A6E 2 C-FLORONAPHTHALENE 191-58-7 700. 700 ug/kg i U V V SS400393 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 460 460 ug/kg i U V V SS400393 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 580 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 580 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 580 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 580 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 580 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 380 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 380 0 10 ug/kg i U V V SS4003493 0 2 IN SS4003A6E 2 C-FLORONAPHTHALENE 191-58-7 380 0 10 ug/kg i U V V SS5013A6 0 1 ug/ | S\$402793 C | 2 IN | | | | | | | | | |
| SSA02993 0 | | | 1 | | | | | | | | |
| \$\$40093 | | | | | | | | | | | |
| SSM00183 0 2 N SSM0047AE 2-CHLORONAPHTHALENE 91-58-7 460 450 log/Kg U V SSM00389 0 2 N SSM00384 2-CHLORONAPHTHALENE 91-58-7 460 450 log/Kg U V SSM00389 0 2 N SSM00386 2-CHLORONAPHTHALENE 91-58-7 630 630 log/Kg U V SSM00389 0 2 N SSM00386 2-CHLORONAPHTHALENE 91-58-7 630 630 log/Kg U V SSM00389 0 2 N SSM00386 2-CHLORONAPHTHALENE 91-58-7 390 390 log/Kg U V SSM00389 0 2 N SSM00386 2-CHLORONAPHTHALENE 91-58-7 390 390 log/Kg U V SSM03893 0 2 N SSM00386 2-CHLORONAPHTHALENE 91-58-7 390 390 log/Kg U V SSM03893 0 2 N SSM00386 2-CHLORONAPHTHALENE 91-58-7 390 390 log/Kg U V SSM03893 0 3 N SSG01021E 2-CHLORONAPHTHALENE 91-58-7 330 330 log/Kg U V SSM11483 0 3 N SSG01021E 2-CHLORONAPHTHALENE 91-58-7 330 330 log/Kg U V SSM11483 0 3 N SSG01031E 2-CHLORONAPHTHALENE 91-58-7 330 330 log/Kg U V SSM11483 0 3 N SSG01031E 2-CHLORONAPHTHALENE 91-58-7 330 330 log/Kg U V SSM11483 0 2 N SSM00382 2-CHLORONAPHTHALENE 91-58-7 330 330 log/Kg U V SSM11483 0 2 N SSM00382 2-CHLORONAPHTHALENE 91-58-7 330 330 log/Kg U V SSM11483 0 2 N SSM00382 2-CHLOROPHENOL 95-57-8 330 330 log/Kg U V SSM00382 2-CHLOROPHENOL 95-57-8 330 330 log/Kg U V SSM00382 2-CHLOROPHENOL 95-57-8 440 440 log/Kg U V SSM00382 2-CHLOROPHENOL 95-57-8 450 440 log/Kg U V SSM00382 2-CHLOROPHENOL 95-57-8 330 330 log/Kg U V SSM00382 2-CHLOROPHENOL 95-57-8 330 330 log/Kg U V SSM00382 2-CHLOROPHENOL 9 | | | | | | | | | | | |
| \$\$403283 | | | | | | | | | | | |
| SS4003493 0 2 N SS40040AE 2-CHLORONAPHTHALENE 91-58-7 420 | | | | | | | | | | | |
| SS4005493 0 2 N SS40050AE 2.CHL.ORONAPHTHALENE 91:58-7 420 4 | | | | | | | | | | | |
| SS409593 0 2 N SS40091AE 2-CHLORONAPHTHALENE 91-58-7 390 390-ug/Kg U V SS5019893 0 2 N SS40092AE 2-CHLORONAPHTHALENE 91-58-7 330 330-ug/Kg U V V SS510893 0 2 N SS40092AE 2-CHLORONAPHTHALENE 91-58-7 330 330-ug/Kg U V V SS51193 0 3 N SS50103LF 2-CHLORONAPHTHALENE 91-58-7 330 330-ug/Kg U V V SS51193 0 3 N SS50108LF 2-CHLORONAPHTHALENE 91-58-7 330 330-ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| SS409893 0 2 N SS40092AE 2-CHLORONAPHTHALENE 91-58-7 330 | | | | | | | | | | | |
| SS81088 0 3 IN SSG0102 E 2-CHLORONAPHTHALENE 91-58-7 330 330 330 340 390 V V SS811183 0 3 IN SSG0105 E 2-CHLORONAPHTHALENE 91-58-7 330 350 360 360 V V SS811183 0 3 IN SSG0105 E 2-CHLORONAPHTHALENE 91-58-7 330 350 360 360 V V SS811183 0 3 IN SSG0105 E 2-CHLORONAPHTHALENE 91-58-7 330 350 360 360 V V V V V V V V V | | | | | | | | | | | |
| SSB11183 0 3 N SSG0105JE 2-CHLORONAPHTHALENE 91-58-7 330 350 ug/Ng U V V V V V V V V V | | | | | | | | | | | |
| \$8911493 0 3 N \$\$50108JE 2-CHLORONAPHTHALENE 91-59-7 330 380 19/Kg U V V S500002AE 2-CHLOROPHENOL 99-57-8 380 380 19/Kg U V V 2 2 2 2 2 2 2 2 | | | | | | | | | | | |
| 1999 0 2 IN SS00002AE 2-CHLOROPHENOL 99-57-8 380 360 ug/kg U V V V SS0003AE 2-CHLOROPHENOL 99-57-8 380 380 ug/kg U V V V V V V V V V | | | | ···· | | | | | | | |
| 15993 0 2 IN SS00003AE 2-CHLOROPHENOL 95-57-8 380 39.0 ug/kg U V V V V V V V V V | | | | | | | | | | | |
| DS993 O Z IN SS0000SAE 2-CHLOROPHENOL IS-5-7-8 360 360 ug/Kg U Z Z Z Z Z Z Z Z Z | | | | | | | | | | | |
| 00093 0 2 IN SS40080AE 2-CHLOROPHENOL 85-57-8 4450 480 lug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 10293 O. 2. IN S\$40042AE 2.CHL.DROPHENOL 95-57-8 450 450 ug/Kg U V 10293 O. 2. IN S\$40053AE 2.CHL.DROPHENOL 95-57-8 440 440 ug/Kg U V 10593 O. 2. IN S\$40057AE 2.CHL.DROPHENOL 95-57-8 650 650 ug/Kg U V 10793 O. 2. IN S\$40057AE 2.CHL.DROPHENOL 95-57-8 550 550 ug/Kg U V 10593 O. 2. IN S\$40054AE 2.CHL.DROPHENOL 95-57-8 330 400 ug/Kg U V 10593 O. 2. IN S\$40057AE 2.CHL.DROPHENOL 95-57-8 330 400 ug/Kg U V 1193 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 550 500 ug/Kg U V 1193 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 550 500 ug/Kg U V 1193 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 550 500 ug/Kg U V 1193 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1193 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1193 O. 2. IN S\$40410AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1193 O. 2. IN S\$40470AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$40077AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$400507AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$400507AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$400507AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. 2. IN S\$400507AE 2.CHL.DROPHENOL 95-57-8 350 350 ug/Kg U V 1493 O. | | | | | | | | | | | |
| 0.0933 0 2 IN S\$40053AE 2.CHL.DROPHENOL 95-57-8 440 440 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 10693 0 2 IN SSA0057AE 2-CHLOROPHENOL 95-57-8 500 600 up/Kg U V V V V V V V V V | | | | | | | | | | | |
| 10793 0 2 N SS40058AE 2-CHLOROPHENOL 95-57-8 550 950 950 970 0 0 0 0 0 0 0 0 0 | | · | | | | | | | | | |
| 10993 | | | | | | | | | | | |
| 1993 0 2 N S\$40077AE 2-CHLOROPHENOL 95-57-8 390 | | | | | | | | 590 ug/l | ⟨g | U | V |
| 1193 | | | | , | | | | | (g | | |
| 147263 | | | | | | 95-57-8 | 390 | 390 ug/k | (g | U I | V |
| 41693 | | | | | | 95-57-8 | 500 | 500 ug/l | (g | U ! | V |
| 11993 O 2 IN SS40010AE 2-CHLOROPHENOL 95-57-8 450 450 ug/Kg U V V V V V V V V V | | 2 IN | - 18 | \$\$40071AE | 2-CHLOROPHENOL | 95-57-8 | 740 | 740 ug/l | (g | U | V |
| 1693 O 2 IN SS40010AE 2-CHLOROPHENOL 95-57-8 450 450 ug/Kg U V V V V V V V V V | | | | | 2-CHLOROPHENOL | 95-57-8 | 350 | | | | V |
| 14793 | 41693 0 | 2 IN | - 15 | SS40410AE | 2-CHLOROPHENOL | 95-57-8 | 450 | | | | v |
| AF983 O Z IN SSA0009AE 2-CHLOROPHENOL 9S-57-8 400 400 ug/Kg U V V V V V V V V V | 41793 | 2 IN | | | | | | | | | |
| 12093 0 2 N SS40480AE 2-CHLOROPHENOL 95-57-8 350 350 ug/Kg U V V V V V V V V V | | 2 IN | | | | | | | | | |
| 12193 4 6 IN SS40012AE 2-CHLOROPHENOL 95-57-8 350 350 19/Kg U V V V V V V V V V | 42093 0 | | | | | | | | | | V |
| 12293 0 2 IN SS40078AE 12-CHLOROPHENOL 95-57-8 380 380 ug/Kg U U U U U U U U U | 42193 4 | 6 IN | 15 | | | | | | | | |
| 12393 0 2 IN SS40079AE 2-CHLOROPHENOL 95-57-8 360 360 ug/Kg U V V V V V V V V V | | 2 IN | | | | | | | | | |
| 12593 14 | | | | | | | | | | | |
| 12693 0 2 N SS40080AE 2-CHLOROPHENOL 95-57-8 520 520 120 | | | | | | | | 350 un/k | (a | Ū ! | |
| 12993 0 2 IN SS40056AE 2-CHLOROPHENOL 95-57-8 370 370 10g/Kg U V V V V V V V V V | | | | | | | | | | | |
| 13193 0 2 IN SS40084AE 2-CHLOROPHENOL 95-57-8 360 360 116 | | | | | | | | | | | |
| 13393 | | | | | | | | | | | • |
| 13493 0 2 IN SS40086AE 2-CHLOROPHENOL 95-57-8 380 380 19/Kg U U U U U U U U U | | | | | | | | | | | |
| 13693 | | | | | | | | 390 116/1 | 9 | | |
| 13793 0 2 IN SS40088AE 2-CHLOROPHENOL 95-57-8 380 380 10 10 V V 13893 0 2 IN SS40010AE 2-CHLOROPHENOL 95-57-8 400 400 10 10 V V 13993 0 2 IN SS40090AE 2-CHLOROPHENOL 95-57-8 380 380 10 10 V V 14093 0 2 IN SS40090AE 2-CHLOROPHENOL 95-57-8 400 400 10 10 V V 14093 0 2 IN SS40090AE 2-CHLOROPHENOL 95-57-8 380 380 10 10 V V 14093 0 2 IN SS40005AE 2-CHLOROPHENOL 95-57-8 380 380 10 10 V V 14093 0 2 IN SS40070AE 2-CHLOROPHENOL 95-57-8 440 440 10 10 V V 14093 0 2 IN SS400904AE 2-CHLOROPHENOL 95-57-8 480 480 480 10 V V 15093 0 2 IN SS40096AE 2-CHLOROPHENOL 95-57-8 500 500 10 10 V V 16193 0 2 IN SS40096AE 2-CHLOROPHENOL 95-57-8 420 420 10 10 V V 16093 4 6 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 360 10 10 V V 16093 4 6 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 360 10 10 V V 17093 0 1 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 | | | | | | | | | | | |
| 13893 0 2 IN SS40010AE 2-CHLOROPHENOL 95-57-8 400 400 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 13993 0 2 IN SS40091AE 2-CHLOROPHENOL 95-57-8 380 380 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 14093 0 2 IN SS40090AE 2-CHLOROPHENOL 95-57-8 400 400 ug/Kg U 14393 0 2 IN SS40005AE 2-CHLOROPHENOL 95-57-8 380 380 ug/Kg U V 14393 0 2 IN SS40005AE 2-CHLOROPHENOL 95-57-8 440 440 ug/Kg U V 15693 0 2 IN SS40094AE 2-CHLOROPHENOL 95-57-8 480 480 ug/Kg U V 15793 0 2 IN SS40015AE 2-CHLOROPHENOL 95-57-8 500 500 ug/Kg U V 16193 0 2 IN SS40096AE 2-CHLOROPHENOL 95-57-8 420 420 ug/Kg U V 16193 0 2 IN SS40141AE 2-CHLOROPHENOL 95-57-8 330 360 ug/Kg U V 16793 4 6 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 360 ug/Kg U V 16193 4 6 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V 17093 0 1 IN SS4 | | | | | | | | | | | |
| 14393 0 2 IN SS40005AE 2-CHLOROPHENOL 95-57-8 380 380 ug/kg U V V V V V V V V V | | | | | | | | | | | v |
| 14893 0 2 IN SS40070AE 2-CHLOROPHENOL 95-57-8 440 440 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 15693 0 2 N S\$40094AE 2-CHLOROPHENOL 95-57-8 480 480 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 15793 0 2 IN SS40015AE 2-CHLOROPHENOL 95-57-8 500 500 10 10 V V 16193 0 2 IN SS40098AE 2-CHLOROPHENOL 95-57-8 420 420 10 10 V V 16993 4 6 IN SS40141AE 2-CHLOROPHENOL 95-57-8 330 360 10 10 V V 16993 4 6 IN SS40142AE 2-CHLOROPHENOL 95-57-8 330 360 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 10 10 V V 17093 0 1 10 10 10 10 10 10 | | | | | | | | | | | |
| 16193 0 2 IN SS40096AE 2-CHLOROPHENOL 95-57-8 420 420 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 16693 | | | | | | | | 500 ug/k | g | | |
| 16693 4 6 IN SS40141AE 2-CHLOROPHENOL 195-57-8 330 360 10g/Kg U V V 16793 4 6 IN SS40142AE 2-CHLOROPHENOL 195-57-8 330 360 10g/Kg U V V 16893 4 6 IN SS40143AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V 17093 0 1 IN SS40145AE 2-CHLOROPHENOL 195-57-8 330 370 10g/Kg U V V 17093 | | | | | | | | | | | |
| 16893 4 6 IN SS40143AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| 7093 0 1 N SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V | | | | | | | | | | | |
| 7093 0 1 IN SS40145AE 2-CHLOROPHENOL 95-57-8 330 370 ug/Kg U V | | | | | | | 330 | 370 ug/k | g | ין ט | / |
| | | | | | | 95-57-8 | 330 | | | | / |
| | \$S400293 0 | 2 IN | | SS40018AE : | 2-CHLOROPHENOL | 95-57-8 | 460 | | | | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics March Son South ** · 一个 100 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION SAMPLE NUMBER CODE START END UNIT ANALYTE CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER 2-CHLOROPHENOL SS400393 21IN SS40019AF 95-57-8 350 350 ug/Kg | U 55400593 0 21IN ISS40021AE 2-CHLOROPHENOL 195-57-8 340 340 ug/Kg iU IV SS400693 0 2: IN ISS40022AF 2-CHLOROPHENOI 95-57-8 360 360 ug/Kg |U SS400793 0 2 IN ISS40023AF 12-CHLOROPHENOL 95-57-8 380 380 ug/Kg | U v SS400893 n 21IN S\$40024AE 2-CHLOROPHENOI 95-57-8 460 460 ug/Kg | U W SS40027AF 2-CHLOROPHENOI SS401193 0 2 IN 195-57-8 480 480 ug/Kg | U V SS401293 0 2iIN SS40028AE 2-CHLOROPHENOL 195-57-8 360 360 ug/Kg | U iV SS401393 SS40029AE 2-CHLOROPHENOL 0 195-57-8 2 IN 470 470 ug/Kg U ĪV 0 SS401593 ISS40031AE 2-CHLOROPHENOL 430 ug/Kg U 2iIN 195-57-8 430 iv SS401693 SS40032AE 2-CHLOROPHENOL 0 2IIN 195-57-8 360 360 ug/Kg 1U ĪV 0 2-CHLOROPHENOL SS401893 2IIN SS40034AE 95-57-8 380 380 ug/Kg U V 2-CHLOROPHENOL SS402393 2 IN SS40039AE 95-57-8 380 380 ug/Kg †U IV 2-CHLOROPHENOL S\$40041AE SS402593 0 2 IN 95-57-8 IV 440 440 ug/Kg | U SS402793 0 370 ug/Kg | U SS40043AE 2-CHLOROPHENOL 370 95-57-8 SS402893 0 SS40044AE 2-CHLOROPHENOL 2 IN 95-57-8 350 350 ug/Kg | U SS402993 0 2|IN ISS40045AE 2-CHLOROPHENOL 95-57-8 340 340 ug/Kg U 2-CHLOROPHENOL SS403093 Õ 2 IN SS40046AE 95-57-8 700 700 ug/Kg | U SS403193 0 2 IN SS40047AE 2-CHLOROPHENOL 95-57-8 460 460 ug/Kg |U SS403293 SS40048AE 2-CHLOROPHENOL 2IIN 95-57-8 440 440 ug/Kg U SS403393 O 2 IN SS40049AE 2-CHLOROPHENOL 630 630 ug/Kg | U 2 IN SS403493 SS40050AE 2-CHLOROPHENOL 95-57-8 420 420 ug/Kg | U SS403593 ō 2!IN SS40051AE 2-CHLOROPHENOL 95-57-8 390 390 ug/Kg | U SS403693 0 2 IN SS40052AE 2-CHLOROPHENOL 95-57-8 īv 390 390 ug/Kg | U SS810893 0 3IIN SSG0102JE |2-CHLOROPHENOL 195-57-8 330 340 ug/Kg | U īν SS811193 0 3IIN SSG0105JE 2-CHLOROPHENOL 95-57-8 330 350 ug/Kg U īν 2-CHLOROPHENOL 380 ug/Kg | U SS811493 0 31IN ISSG0108JE 95-57-8 330 IV P208989 OFT SEP1789BR0002 2-HEXANONE 0 591-78-6 12 12 ug/Kg U IV 2-METHYLNAPHTHALENE 105093 0 2 IN ISS00002AE 91-57-6 360 360 ug/Kg | U IZ 05393 2 IN SS00005AF 2-METHYL NAPHTHALENE 0 91-57-6 360 360 ug/Kg | U 40093 2IIN SS40060AE 2-METHYLNAPHTHALENE 0 191-57-6 480 480 ug/Kg | U īv 40293 0 2 IN SS40042AE 2-METHYLNAPHTHALENE 191-57-6 450 450 ug/Kg | U īV 40393 0 2IIN SS40053AE 2-METHYLNAPHTHALENE 91-57-6 440 440 ug/Kg U IV SS40057AE 2-METHYLNAPHTHALENE 40693 0 2: IN 91-57-6 600 600 ug/Kg |U V 40793 0 SS40058AE 2-METHYLNAPHTHALENE 91-57-6 590 590 ug/Kg |U V 40893 O SS40004AE 2-METHYLNAPHTHALENE 2 IN 91-57-6 V 330 400 ug/Kg U 2-METHYLNAPHTHALENE 40993 0 SS40072AE 191-57-6 390 390 ug/Kg | U ĪV 41193 SS40007AE 2-METHYLNAPHTHALENE 191-57-6 500 500 ug/Kg |U : V SS40071AE 41293 0 2 IN 2-METHYLNAPHTHALENE 91-57-6 740 740 ug/Kg U SS40073AE 41593 6IIN 2-METHYLNAPHTHALENE 91-57-6 350 350 ug/Kg |U IV 0 2-METHYLNAPHTHALENE 41693 2 IN SS40410AE 91-57-6 450 450 ug/Kg | U IV 0 SS40077AE 2-METHYLNAPHTHALENE 41793 2IIN 91-57-6 390 390|ug/Kg |U 2 IN 41993 0 SS40009AE 2-METHYLNAPHTHALENE 191-57-6 400 400 ug/Kg |U 42093 0 2 IN SS40480AF 2-METHYLNAPHTHALENE 91-57-6 350 350 ug/Kg | U 42193 4 6 IN SS40012AE 2-METHYLNAPHTHALENE 350 150 ug/Kg J IA 42293 0 2 IN SS40078AE 2-METHYLNAPHTHALENE 91-57-6 380 380 ug/Kg | U 42393 0 2IIN SS40079AE 2-METHYLNAPHTHALENE 91-57-6 360 360 ug/Kg | U 42593 4 6 IN SS40082AE 2-METHYLNAPHTHALENE 91-57-6 350 350 ug/Kg | U 42693 0 2 IN SS40080AE 2-METHYLNAPHTHALENE 91-57-6 520 520 ug/Kg | U 91-57-6 142993 0 21IN SS40056AF 2-METHYLNAPHTHALENE 370 370;ug/Kg | U 43193 0 2IIN SS40084AE 2-METHYLNAPHTHALENE 91-57-6 360 360 ug/Kg | U 43393 4 6IIN SS40087AF 2-METHYLNAPHTHALENE 91-57-6 350 350 ug/Kg | U IV 91-57-6 43693 4 6 IN SS40089AF 12-METHYLNAPHTHALENE 350 120 ug/Kg | J 43793 0 2 IN SS40088AF 2-METHYL NAPHTHALENE 91-57-6 380 380 ug/Kg | U 43893 2-METHYLNAPHTHALENE 0 21 IN SS40010AE 191-57-6 400 400 ug/Kg | U 43993 ō SS40091AF 2-METHYL NAPHTHALENE 2||N 91-57-6 380 380 ug/Kg | U V 44093 SS40090AE 2-METHYLNAPHTHALENE 0 2!IN 191-57-6 400 400 ug/Kg | U 44393 ō 2 IN SS40005AE 2-METHYLNAPHTHALENE 91-57-6 380 380 ug/Kg | U V 448D3 2 IN SS40070AE 2-METHYLNAPHTHALENE 0 191-57-6 440 440 ug/Kg U īv 2 IN 45693 0 SS40094AE 2-METHYLNAPHTHALENE 91-57-6 480 480 ug/Kg U IV 45793 2!IN SS40015AE 2-METHYLNAPHTHALENE 91-57-6 500 ug/Kg U 500 V 46193 O 2!IN ISS40096A 2-METHYLNAPHTHALENE 191-57-6 420 420 ug/Kg | U !V 46693 6 IN SS40141A 2-METHYLNAPHTHALENE 91-57-6 330 360 ug/Kg | U ĪV 46793 SS40142AE 6IN 2-METHYLNAPHTHALENE 91-57-6 330 V 360 ug/Kg | U 46893 SS40143AE 91-57-6 6IN 2-METHYLNAPHTHALENE 330 370 ug/Kg | U IV 47093 0 SS40145AE 2-METHYLNAPHTHALENE 1IIN 91-57-6 330 370 ug/Kg | U IV SS400293 0 2!IN SS40018AE 2-METHYLNAPHTHALENE 91-57-6 460 460 ug/Kg U īV \$\$400393 0 2 IN SS40019AE 2-METHYLNAPHTHALENE 191-57-6 350 350 ug/Kg | U SS400593 0 2 IN SS40021AE 2-METHYLNAPHTHALENE 91-57-6 340 340 ug/Kg | U 2 IN SS400693 0 S\$40022AE 2-METHYLNAPHTHALENE 91-57-6 360 360 ug/Kg | U SS400793 0 2 IN SS40023AE 2-METHYLNAPHTHALENE 91-57-6 380 380 ug/Kg |U SS400893 91-57-6 0 2 IN SS40024AE 2-METHYLNAPHTHALENE 460 460 ug/Kg |U SS401193 n 2:IN SS40027AF 2-METHYLNAPHTHALENE 91-57-6 480 480 ug/Kg | U SS401293 0 2||N SS40028AF 2-METHYLNAPHTHALENE 91-57-6 360 360 ug/Kg | U īv SS401393 0 2IN SS40029AE 12-METHYLNAPHTHALENE 91-57-6 470 470 ug/Kg | U SS401593 0 2 IN 2-METHYLNAPHTHALENE SS40031AE 91-57-6 430 430|ug/Kg | U V SS401693 0 SS40032AE 2 IN 2-METHYLNAPHTHALENE 91-57-6 360 360 ug/Kg | U IV SS401893 2IN SS40034AE 2-METHYLNAPHTHALENE 0 91-57-6 380 380 ug/Kg | U īV SS402393 2-METHYLNAPHTHALENE 2 IN SS40039AE 91-57-6 380 380 ug/Kg | U IV



Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics DEPTH DEPTH LOCATION DETECTION AB RESULT VALIDATION Á ANALYTE SAMPLE NUMBER CAS NO. RESULT UNITS QUALIFIER CODE START END UNIT LIMIT QUALIFIER 2-METHYLNAPHTHALENE SS402593 2 IN SSADDATAE 91-57-6 AAO 440.ug/Kg /U 91-57-6 SS402793 O 21IN ISS40043AF 2-METHYLNAPHTHALENE 370 370 ug/Kg | U SSADDAAAF 2-METHYL NAPHTHALENE SS402893 n 2IIN 91-57-6 350 350 ug/Kg | U 11/ SS402993 O 21IN SS40045AF 2-METHYL NAPHTHALENE 91-57-6 340 340 ug/Kg | U W 55403093 0 2IIN SSADDAGAE 2-METHYLNAPHTHALENE 91-57-6 700 700 ug/Kg | U V SS403193 SS40047AF 2-METHYL NAPHTHALENE 91-57-6 0 21IN 460 460 ug/Kg | U īV SS403293 0 2|IN ISS40048AE 2-METHYLNAPHTHALENE 91-57-6 440 440 ug/Kg | U īV SS403393 SS40049AF 2-METHYL NAPHTHALENE 630 91-57-6 0 2IIN 630 ug/Kg | U W 2 IN SS403493 0 SS40050AE 2-METHYLNAPHTHALENE 91-57-6 īV 420 420 ug/Kg | U SS403593 SS40051AE 2-METHYLNAPHTHALENE 91-57-6 0 2 IN 390 390 ug/Kg | U IV SS403693 O. 2 IN SS40052AE 2-METHYLNAPHTHALENE 91-57-6 390 V 390 ug/Kg | U SS810893 3IIN SSG0102JE 2-METHYLNAPHTHALENE 91-57-6 330 340 ug/Kg | U īv SSG0105JE 2-METHYLNAPHTHALENE SS811193 91-57-6 330 350 ug/Kg | U IV SS811493 SSG0108JE 2-METHYLNAPHTHALENE ō 3IIN 91-57-6 78 ug/Kg J 330 A SS00002AE 2-METHYLPHENOL 05093 0 2 IN 360 360 ug/Kg | U Z 05193 SS00003AE 2-METHYLPHENOL 95-48-7 380 380 ug/Kg | U 05393 SS00005AE 2 IN 2-METHYLPHENOL 95_48_7 360 360 ug/Kg U Z 40093 n 2 IN SS40060AE 2-METHYLPHENOL 95-48-7 480 480 ug/Kg | U 40293 2 IN SS40042AE 2-METHYLPHENOL 95-48-7 450 ug/Kg U O 450 40393 2 IN SS40053AE 2-METHYLPHENOL 95-48-7 440 n 440 ug/Kg | U 40693 2IN SS40057AE 2-METHYLPHENOL 95-48-7 0 600 600 ug/Kg | U 40793 2IIN SS40058AF 2-METHYLPHENOL 95-48-7 ō 590 590 ug/Kg | U 40893 0 2IIN SS40004AE 2-METHYLPHENOL 95-48-7 330 400 ug/Kg | U 40993 n 2IIN SS40072AF 2-METHYLPHENOL 95-48-7 390 390 ug/Kg | U 41193 0 2IN SS40007AF 2-METHYLPHENOL 95-48-7 500 500 ug/Kg | U ١V 740 ug/Kg | U 41293 O 2 IN SS40071AF 2-METHYLPHENOL 95-48-7 740 V 95-48-7 41593 4 6:IN SS40073AF 2-METHYL PHENOL 350 350 ug/Kg | U V 41693 ۵ 2 IN ISS40410AF 2-METHYL PHENOL 95-48-7 450 450 ug/Kg | U V SS40077AF 41793 O 2 IN 2-METHYLPHENOL 95-48-7 390 390 ug/Kg U 0 2IIN ISS40009AF 2-METHYLPHENOL 95-48-7 41993 400 400 ug/Kg U 42093 ō 2IIN ISS40480AF 2-METHYLPHENOL 95-48-7 350 350 ug/Kg | U īv 42193 6IN SS40012AE 2-METHYLPHENOL 95-48-7 350 350 ug/Kg | U īv SS40078AE 2-METHYLPHENOL 42293 ō 95-48-7 380 380 ug/Kg | U 42393 0 ISS40079AE 2-METHYLPHENOL 95-48-7 360 V 360|ug/Kg | U 6 IN SS40082AE 2-METHYLPHENOL 95-48-7 350 350 ug/Kg | U ī 42693 SS40080AE 2-METHYLPHENOL 95-48-7 520 520 ug/Kg | U I.I 0 SS40056AE 2-METHYLPHENOL 95-48-7 370i 370 ug/Kg | U ٧ 2-METHYLPHENOL 43193 ō SS40084AE 95-48-7 360 360 ug/Kg U 43393 6 IN SS40087AF 2-METHYLPHENOL 95-48-7 350 350 ug/Kg iU ĺν 43493 SS40086A 2-METHYLPHENOL ō 2 IN 95-48-7 380 380 ug/Kg | U ij 43693 SS40089AE 2-METHYLPHENOL 6 IN 95-48-7 350 350 ug/Kg | U īv 43793 0 2IIN SS40088AE 2-METHYLPHENOL 95-48-7 380 380 ug/Kg | U 43893 ō 2 IN S\$40010AE 2-METHYLPHENOL 95-48-7 400 400 ug/Kg |U 43993 ō SS40091AE 2-METHYLPHENOL 2IN 380 380 ug/Kg | U 44093 O 2 IN SS40090AE 2-METHYLPHENOL 95-48-7 400 ug/Kg U 44303 0 2 IN SS40005AF 2-METHYLPHENOL 95-48-7 380 380 ug/Kg | U 44893 0 2 IN SS40070AF 2-METHYLPHENOL 95-48-7 440 440 ug/Kg U 2-METHYLPHENOL 45693 0 2 IN ISS40094AF 95-48-7 480 480 ug/Kg | U V 45793 0 2111 SS40015AF 2-METHYLPHENOL 95-48-7 500 500 ug/Kg | U 46193 0 2 IN SS40096AF 2-METHYLPHENOL 95-48-7 420 420 ug/Kg | U v SS40141AF 46693 BIIN 2-METHYLPHENOL 95-48-7 330 360 ug/Kg | U 46793 4 6 IN SS40142AF 2-METHYLPHENOL 95-48-7 330 360 ug/Kg | U 46893 6 IN SS40143AF 2-METHYL PHENOL 95-48-7 330 370 ug/Kg | U 77 47093 2-METHYLPHENOL 0 1IIN ISS40145AE 95-48-7 330 370 ug/Kg | U SS400293 O - ISS40018AF 2-METHYLPHENOL 21IN 95_48-7 460 460 ug/Kg | U v SS400393 SS40019AF 2-METHYLPHENOL 0 2 IN 95-48-7 350 350|ug/Kg | U SS400593 0 2 IN SS40021AE 2-METHYLPHENOL 95-48-7 340 340|ug/Kg | U v SS400693 SS40022AF 2-METHYLPHENOL O 2IIN 95-48-7 360 360 ug/Kg | U v SS400793 SS40023AE 0 2IN 2-METHYLPHENOL 95-48-7 380 380 ug/Kg | U V S\$400893 2-METHYLPHENOL 0 2 IN SS40024A 95-48-7 460 460 ug/Kg | U V S8401193 0 2 IN S\$40027AE 2-METHYLPHENOL 95-48-7 480 480 ug/Kg U ĪV SS401293 0 2 IN SS40028AE 2-METHYLPHENOL 95-48-7 360 360 ug/Kg | U V S\$401393 0 2 IN SS40029AE 2-METHYLPHENOL 195-48-7 470 470 ug/Kg | U W SS401593 2IIN SS40031A8 2-METHYLPHENOL 95-48-7 430 430 ug/Kg ¡U IV SS401693 0 SS40032AE 2-METHYLPHENOL 21IN 95-48-7 360 ug/Kg U 360 S\$401893 0 2!IN SS40034AE 2-METHYLPHENOL 95-48-7 380 380 ug/Kg | U iV SS402393 0 2 IN SS40039AE 2-METHYLPHENOL 380 380 ug/Kg i U SS402593 0 2 IN SS40041AE 2-METHYLPHENOL 95-48-7 440 440 ug/Kg | U 2-METHYLPHENOL SS402793 0 2 IN SS40043AF 95-48-7 370 370 ug/Kg | U SS402893 0 2||N SS40044AF 2-METHYLPHENOL 95-48-7 350 350 ug/Kg | U SS402993 O 2IIN SS40045AE 2-METHYLPHENOL 95-48-7 340 ug/Kg | U 340 SS403093 O 211 ISSANNA6AF 2-METHYLPHENOL 95-48-7 700 700 ug/Kg | U SS403193 2-METHYLPHENOL 0 2 IN SS40047AF 95-48-7 460 460 ug/Kg | U SS403293 0 2 IN SS40048AF 2-METHYLPHENOL 95-48-7 440 440 ug/Kg | U 0 SS403393 2 IN SS40049AF 2-METHYLPHENOI 95-48-7 630 630 ug/Kg | U IV SS403493 0 2IIN ISS40050AF 2-METHYLPHENOL 95-48-7 420 420 ug/Kg | U SS403593 0 2 IN ISS40051AF 12-METHYLPHENOL 95-48-7 390 390 ug/Kg | U īv SS403693 SS40052AE 12-METHYLPHENOL 2IIN 95-48-7 390 390 ug/Kg | U

17C

| LOCATION | DEPTH | DEPTH | | 3 3 3 3 | Evaporation Ponds AOC - Analytical Res | 10.33 | DETECTION | (దేశా | 43 | LAR DECLUY | VALIDATION |
|------------------------|----------------|---------------------------------------|-----------------|--|--|--------------------|--------------|-------|----------------|------------|----------------|
| CODE | START | | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | | 7,13% | QUALIFIER | |
| SS810893 | 0 | | | | | 95-48-7 | 330 | | ug/Kg | | V |
| SS811193 SS811493 | . O | | | | | 95-48-7 95-48-7 | 330 330 | | lug/Kg | | V V |
| 05093 | 0 | | | | | 88-74-4 | 1800 | | ug/Kg | | Z |
| 05193 | 0 | | | SS00003AE | 2-NITROANILINE | 88-74-4 | 1900 | 1900 | ug/Kg | U | V |
| 05393 | 0 | | | SS00005AE | | 88-74-4 | 1800 | | ug/Kg | | Z |
| 40093 40293 | 0 | | | | | 88-74-4 88-74-4 | 2400 2200 | | ug/Kg ug/Kg | | IV IV |
| 40393 | O | | | | | 88-74-4 | 2200 | | ug/Kg | | l v |
| 40693 | 0 | | | | | 88-74-4 | 3000 | 3000 | ug/Kg | ĮŪ | V |
| 40793 40893 | 0 | | | | | 88-74-4 | 2900 | | ug/Kg | | V |
| 40993 | 0 | | | | | 88-74-4 88-74-4 | 1600 | | ug/Kg ug/Kg | | V |
| 41193 | ō | | | | | 88-74-4 | 2500 | | ug/Kg | | V |
| 41293 | 0 | | | | | 88-74-4 | 3700 | 3700 | ug/Kg | ĪŪ | V |
| 41593 41693 | 4 | | | | | 88-74-4 | 1800 | | ug/Kg | | Į V |
| 41793 | 0 | | | | | 88-74-4 88-74-4 | 2200 1900 | | ug/Kg ug/Kg | | V |
| 41993 | 0 | | | | | 88-74-4 | 2000 | | ug/Kg | | |
| 42093 | O _i | | | | | 88-74-4 | 1700 | | ug/Kg | | lv |
| 42193 | 4 | | · | | | 88-74-4 | 1700 | | ug/Kg | | V |
| 42293 42393 | 0 | | | | | 88-74-4 88-74-4 | 1900 1800 | | ug/Kg ug/Kg | | V |
| 42593 | 4 | | | | | 88-74-4 | 1800 | | ug/Kg ug/Kg | | i V |
| 42693 | 0; | 2 | IN | SS40080AE | 2-NITROANILINE | 88-74-4 | 2600 | | ug/Kg | | J |
| 42993 | 0 | | | | | 88-74-4 | 1800 | 1800 | ug/Kg | U | V |
| 43193 43393 | 0 4 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | 88-74-4 88-74-4 | 1800 | | ug/Kg | | |
| 43493 | 0 | | i recurrence al | | | 88-74-4 | 1800 1900 | 1800 | ug/Kg ug/Kg | U | J |
| 43693 | 4 | | | | | 88-74-4 | 1800 | | ug/Kg | | v - |
| 43793 | 0 | | | | | 88-74-4 | 1900 | 1900 | ug/Kg | U . | V |
| 43893 43993 | 0 | | | | | 88-74-4 | 2000 | | ug/Kg | | V |
| 44093 | 0 | | | | | 88-74-4 88-74-4 | 1900 2000 | | ug/Kg ug/Kg | | V |
| 44393 | O | | · | | | 88-74-4 | 1900 | | ug/Kg | | v |
| 44893 | 0 | | | | | 88-74-4 | 2200 | | ug/Kg | | V |
| 45693 45793 | 0 0, | | | | | 88-74-4 | 2400 | | ug/Kg | | ٧ |
| 46193 | 0, | | | | | 88-74-4 88-74-4 | 2500 2100 | | ug/Kg ug/Kg | | V |
| 46693 | 4 | | | | | 88-74-4 | 1600 | | ug/Kg | | V |
| 46793 | 4 | | | | 2-NITROANILINE | 88-74-4 | 1600 | | ug/Kg | | V |
| 46893 47093 | 4 | · · · · · · · · · · · · · · · · · · · | | | | 88-74-4 | 1600 | 1800 | ug/Kg | | ٧ |
| 58400293 | 0 | | | | | 88-74-4 88-74-4 | 1600 2300 | | ug/Kg | | V V |
| SS400393 | o | | | | | 88-74-4 | 1700 | | ug/Kg ug/Kg | | V |
| SS400593 | 0 | | | | 2-NITROANILINE | 88-74-4 | 1700 | 1700 | ug/Kg | U | V |
| SS400693 SS400793 | 0 | | | | | 88-74-4 | 1800 | 1800 | ug/Kg | ŭ | V |
| SS400893 | 0 | | | | | 88-74-4 88-74-4 | 1900 2300 | | ug/Kg ug/Kg | | V V |
| SS401193 | 0 | | | | | 88-74-4 | 2400 | | ug/Kg | | V |
| SS401293 | 0 | | | | | 88-74-4 | 1800 | 1800 | ug/Kg | U | V |
| SS401393 SS401593 | 0 | | | | | 88-74-4 | 2400 | | ug/Kg | U | V . |
| S8401693 | 0 | | | | | 88-74-4 88-74-4 | 2200 1800 | | ug/Kg ug/Kg | U | V V |
| SS401893 | 0 | 2 | IN I | SS40034AE . | 2-NITROANILINE | 88-74-4 | 1900 | | ug/Kg | | v V |
| SS402393 | 0 | | | | 2-NITROANILINE | 88-74-4 | 1900 | 1900 | ug/Kg | U | V |
| SS402593 SS402793 | 0 | | | | | 88-74-4 | 2200 | | ug/Kg | | V |
| SS402793 SS402893 | 0 | | | | | 88-74-4 88-74-4 | 1800 1800 | | ug/Kg ug/Kg | | v v |
| SS402993 | 0 | 2 | IN : | | | 88-74-4 | 1700 | | ug/Kg ug/Kg | | <u>v</u> |
| SS403093 | 0 | | | | -NITROANILINE | 88-74-4 | 3500 | 3500 | ug/Kg | U | v |
| SS403193 SS403293 | 0 | | | | | B8-74-4 | 2300 | 2300 | ug/Kg | U | V |
| SS403293 | 0 | | | | | 88-74-4 88-74-4 | 2200 3100 | | ug/Kg ug/Kg | | <u>v</u> |
| SS403493 | 0 | | IN S | SS40050AE | -NITROANILINE | 88-74-4 | 2100 | | ug/Kg ug/Kg | | <u>v</u> V |
| S\$403593 | 0 | | | SS40051AE | 2-NITROANILINE | 38-74-4 | 2000 | 2000 | ug/Kg | U | v v |
| SS403693 SS810893 | 0 | | | | | 38-74-4 | 1900 | | ug/Kg | | V |
| SS811193 | 0 | | | | | 38-74-4 38-74-4 | 1600 1600 | | ug/Kg ug/Kg | | V |
| SS811493 | 0 | | | | | 38-74-4 | 1600 | | ug/Kg ug/Kg | | v v |
| 05093 | 0 | | IN S | SS00002AE 2 | -NITROPHENOL { | 38-75-5 | 360 | | ug/Kg | | <u>z</u> |
| 05193 05393 | 0 | | | | | 38-75-5 | 380 | 380 | ug/Kg | U | V |
| 40093 | 0 | | | | | 38-75-5 | 360 | | ug/Kg | | Z |
| 40293 | 0 | | | | | 38-75-5 38-75-5 | 480 450 | | ug/Kg ug/Kg | | V V |
| 40393 | O _i | 2 | IN IS | SS40053AE 2 | | 38-75-5 | 440 | | ug/Kg | | V |
| 40693 40703 | 0 | 2 | | | -NITROPHENOL 8 | 38-75-5 | 600 | 600 | ug/Kg | Ü | V |
| 10793 | 0 | 2 | IN S | SS40058AE 2 | -NITROPHENOL E | 38-75-5 | 590 | 590 | ug/Kg | י | V |

| • | | | | 75.3 | Evaporation Ponds AOC - Analytical Re | sults for Surf | face Soils - Or | | | Isaa aa aa aa aa aa aa aa aa aa aa aa aa |
|-------------------------|-------|---------------------------------------|---|---------------------------------------|---|----------------------|-----------------|----------------------------|------------|--|
| LOCATION | DEPTH | DEPTH | S- 1 | | | | DETECTION | | LAB RESULT | VALIDATION |
| CODE | START | | | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT UNITS | | |
| 40893 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 330 | | | V |
| 40993 | 0 | | | | 2-NITROPHENOL | 188-75-5 | 390 | | | V |
| 41193 41293 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 500 740 | 500 ug/Kg 740 ug/Kg | | iV IV |
| 41693 | 4 | | | | 2-NITROPHENOL | 88-75-5 | 350 | 350 ug/Kg | | IV |
| 41693 | 0 | | IN | SS40410AE | 2-NITROPHENOL | 88-75-5 | 450 | 450 ug/Kg | | V |
| 41793 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 390 | 390 ug/Kg | | |
| 41993 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 400 | 400 ug/Kg | | 1 |
| 42093 42193 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 188-75-5 188-75-5 | 350 350 | 350 ug/Kg 350 ug/Kg | | IV V |
| 42293 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 380 | 380 ug/Kg | | J |
| 42393 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 360 | 360 ug/Kg | | V |
| 42593 | 4 | | | | 2-NITROPHENOL | 188-75-5 | 350 | 350 ug/Kg | | V |
| 42693 | 0 | | | | 2-NITROPHENOL | 188-75-5 | 520 | 520 ug/Kg | | J |
| 42993 <u>.</u> 43193 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 370 360 | 370 ug/Kg 360 ug/Kg | | ! V |
| 43393 | 4 | | | | 2-NITROPHENOL | 88-75-5 | 350 | 350 ug/Kg | | V |
| 43493 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 380 | 380 ug/Kg | | J |
| 43693 | 4 | | | | 2-NITROPHENOL | 88-75-5 | 350 | 350 ug/Kg | | V |
| 43793 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 380 | 380 ug/Kg | | V |
| 43893 43993 | · 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 400 380 | 400 ug/Kg 380 ug/Kg | | V |
| 44093 | 0 | | A | | 2-NITROPHENOL | 88-75-5 | 400 | 400 ug/Kg | | · |
| 44393 | o | | | | 2-NITROPHENOL | 88-75-5 | 380 | 380 ug/Kg | | V |
| 44893 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 440 | 440 ug/Kg | U | V |
| 45693 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 480 | 480 ug/Kg | | V |
| 45793 . 46193 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 500 420 | 500 ug/Kg 420 ug/Kg | | IV IV |
| 46693 | 4 | | | | 2-NITROPHENOL | 88-75-5 | 330 | 360 ug/Kg | | V |
| 46793 | 4 | | | | 2-NITROPHENOL | 88-75-5 | 330 | 360 ug/Kg | | V |
| 46893 | 4 | | | | 2-NITROPHENOL | 88-75-5 | 330 | 370 ug/Kg | U | V |
| 47093 | . 0 | | | | 2-NITROPHENOL | 88-75-5 | 330 | 370 ug/Kg | | V |
| SS400293 SS400393 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 460 350 | 460 ug/Kg 350 ug/Kg | | V V |
| SS400593 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 340 | 340 ug/Kg | | V |
| SS400693 | 0 | | | · | 2-NITROPHENOL | 88-75-5 | 360 | 360 ug/Kg | | V |
| SS400793 | 0' | | | | 2-NITROPHENOL | 88-75-5 | 380 | 380 ug/Kg | U | V |
| SS400893 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 460 | 460 ug/Kg | | V |
| S\$401193 S\$401293 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 480 360 | 480 ug/Kg 360 ug/Kg | | V V |
| SS401293 | 0 | | ***************** | | 2-NITROPHENOL | 188-75-5 | 470 | 470 ug/Kg | | V |
| SS401593 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 430 | 430 ug/Kg | | V |
| SS401693 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 360 | 360 ug/Kg | | V |
| SS401893 | 0 | | · | | 2-NITROPHENOL | 88-75-5 | 380 | 380 ug/Kg | | V |
| SS402393 SS402593 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 380 440 | 380 ug/Kg 440 ug/Kg | | V V |
| SS402793 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 370 | 370 ug/Kg | | V |
| SS402893 | .0 | | | · · · · · · · · · · · · · · · · · · · | 2-NITROPHENOL | 88-75-5 | 350 | 350 ug/Kg | ···· | V |
| 55402993 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 340 | 340 ug/Kg | | V |
| S\$403093 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 700 | 700 ug/Kg | | V |
| SS403193 SS403293 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 460 440 | 460 ug/Kg 440 ug/Kg | | V V |
| 5S403293 | 0 | | | | 2-NITROPHENOL | 88-75-5 | , 630 | 630 ug/Kg | | V |
| SS403493 | Ö | · · · · · · · · · · · · · · · · · · · | | | 2-NITROPHENOL | 88-75-5 | 420 | 420 ug/Kg | | v |
| SS403593 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 390 | 390 ug/Kg | U | V |
| SS403693 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 390 | 390 ug/Kg | | V |
| SS810893 SS811193 | 0 | | | | 2-NITROPHENOL 2-NITROPHENOL | 88-75-5 88-75-5 | 330 330 | 340 ug/Kg 350 ug/Kg | | V |
| SS811193 | 0 | | | | 2-NITROPHENOL | 88-75-5 | 330 | 380 ug/Kg | | V |
| 05093 | o | | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 720 | 720 ug/Kg | | Ž |
| 05193 | 0 | | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 750 | 750 ug/Kg | Ú | V |
| 05393 | 0 | | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 730 | 730 ug/Kg | | Z |
| 40093 40293 | 0 | | | | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 950 890 | 950 ug/Kg ! 890 ug/Kg ! | | V V |
| 40293 40393 | 0 | | | | 3,3-DICHLOROBENZIDINE 3,3-DICHLOROBENZIDINE | 91-94-1 | 890 890 | 890 ug/Kg | | V |
| 40693 | 0 | | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 1200 | 1200 ug/Kg | | V |
| 40793 | 0 | 2 | IN | SS40058AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 1200 | 1200 ug/Kg | Ú | V |
| 40893 | 0 | | | ···· | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | 790 ug/Kg | | V |
| 40993 41193 | 0 | | | | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 790 1000 | 790;ug/Kg 1000;ug/Kg | | V |
| 41293 | 0 | | | | 3,3-DICHLOROBENZIDINE 3,3-DICHLOROBENZIDINE | 91-94-1 | 1500 | 1500 ug/Kg | | V |
| 41593 | 4 | | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 700 | 700 ug/Kg | | V |
| 41693 | 0 | 2 | IN | SS40410AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 890 | 890 ug/Kg | Ű | V |
| 41793 | 0 | | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 780 | 780 ug/Kg | | |
| 41993 i | 0 | | | | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 800 690 | 800 ug/Kg 690 ug/Kg | | V |
| | U) | | | | | | | | | |
| 42193 | 4 | 6 | IN I | \$\$40012AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 690 | 690 ug/Kg | U | V |

| 5 | N. 1 & 29 | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Re- | sults for Sur | face Soils - Or | ganics | | |
|--------------------------|-----------|-----------------------------|--------------------------------|---|----------------------|-----------------|----------------------------------|------------|---------------|
| LOCATION | | | | | | DETECTION | | LAB RESULT | VALIDATION |
| CODE | START | Supplement, see singularies | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER |
| 42393 42593 | 0, | 2 IN 6 IN | SS40079AE SS40082AE | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 720 | | U | J V |
| 42693 | 0 | 2 IN | SS40080AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 1000 | | Ü | J |
| 42993 | 0 | | SS40056AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 740 | 740 ug/Kg | U | ٧ |
| 43193 | 0 4 | | SS40084AE SS40087AE | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 720 | | | : V |
| 43493 | 0 | | | 3,3'-DICHLOROBENZIDINE | 191-94-1 | 750 | | | J |
| 43693 | 4 | | SS40089AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 700 | 700 ug/Kg | U | V |
| 43793 43893 | 0 | 2 IN | SS40088AE SS40010AE | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 760 | | | V |
| 43993 | 0 | 2 IN | | 3,3-DICHLOROBENZIDINE | 91-94-1 | 770 | 800 ug/Kg 770 ug/Kg | | V V |
| 44093 | 0 | 2 IN | SS40090AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 800 | 800 ug/Kg | | · |
| 44393 44893 | 0 | | SS40005AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 750 | 750 ug/Kg | | ٧ |
| 45693 | 0 | 2 IN | SS40070AE SS40094AE | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 870 950 | 870 ug/Kg 950 ug/Kg | | V V |
| 45793 | O | 2:IN | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 990 | 990 ug/Kg | | <u>v</u> |
| 46193 | 0 | 2 IN | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 820 | 820 ug/Kg | J | · · |
| 46693 46793 | 4 | 6 IN | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | 720 ug/Kg | | V |
| 46893 | 4 | 6 IN | | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | 730 ug/Kg 730 ug/Kg | | <u>v</u> |
| 47093 | 0 | 1/IN | | 3,3'-DICHLOROBENZIDINE | 191-94-1 | 660 | 750 ug/Kg | | <u>V</u> |
| SS400393 | Oi | 2 IN | SS40019AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 690 | 690 ug/Kg | J į | V |
| SS400593 SS400693 | 0; 0 | 2 IN 2 IN | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 680 | 680 ug/Kg | | V . |
| SS400893 | 0; | | | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 | 730 910 | 730 ug/Kg 910 ug/Kg | | <u>v</u> v |
| SS401193 | 0 | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 970 | 970 ug/Kg | | <u>v</u> |
| SS401693 | 0 | | SS40032AE | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 710 | 710 ug/Kg | | · v |
| SS401893 SS402393 | 0 | 2 IN 2 IN | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 750 | 750 ug/Kg I | | V |
| SS402593 | 0 | 2 IN | | 3,3'-DICHLOROBENZIDINE 3,3'-DICHLOROBENZIDINE | 91-94-1 91-94-1 | 760 890 | 760 ug/Kg I 890 ug/Kg I | | <u>v</u> |
| SS402793 | 0 | | | | 91-94-1 | 730 | 730 ug/Kg 1 | | * |
| SS402893 | 0 | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 700 | 700 ug/Kg I | | v |
| SS402993 SS403093 | 0 | | | 3,3'-DICHLOROBENZIDINE | 91-94-1 | 680 | 680 ug/Kg l | | V |
| SS403193 | 0 | | | | 91-94-1 191-94-1 | 1400 920 | 1400 ug/Kg l 920 ug/Kg l | | v v |
| S\$403293 | 0 | | | | 91-94-1 | 890 | 890 ug/Kg (| | v V |
| SS403393 | 0 | | | | 91-94-1 | 1300 | 1300 ug/Kg l | J I | V |
| SS403493 SS403593 | , 0 | 2 IN | | | 91-94-1 91-94-1 | 830 780 | 830 ug/Kg l | | V |
| SS403693 | 0 | | | | 91-94-1 | 780 | 780/ug/Kg l 780/ug/Kg l | | <u>v</u> v |
| SS810893 | 0 | | SSG0102JE | | 91-94-1 | 660 | 690 ug/Kg | | v |
| S\$811193 S\$811493 | 0 | | | | 91-94-1 | 660 | 700 ug/Kg l | | V |
| 05093 | 0 | | | 3,3'-DICHLOROBENZIDINE 3-NITROANILINE | 91-94-1 99-09-2 | 660 1800 | 760 ug/Kg l | | <u> </u> |
| 05193 | ō | | | | 99-09-2 | 1900 | 1800 ug/Kg L 1900 ug/Kg L | | Z V |
| 05393 | 0 | | | 3-NITROANILINE | 99-09-2 | 1800 | 1800 ug/Kg L | | Ž |
| 40093 40293 | 0 | | | | 99-09-2 | 2400 | 2400 ug/Kg L | | V |
| 40393 | 0 | | | · · · · · · · · · · · · · · · · · · · | 99-09-2 99-09-2 | 2200 2200 | 2200 ug/Kg L 2200 ug/Kg L | | |
| 40693 | 0 | ~~~~ | ****************************** | | 99-09-2 | 3000 | 3000 ug/Kg | | V |
| 40793 | 0 | | | | 99-09-2 | 2900 | 2900 ug/Kg L | J ! | V |
| 40893 40993 | 0 | | | | 99-09-2 | 1600 | 1900 ug/Kg L | | V |
| 41193 | 0 | | | | 99-09-2 99-09-2 | 2000 2500 | 2000 ug/Kg L 2500 ug/Kg L | | V |
| 41293 | 0 | 2 IN | SS40071AE | 3-NITROANILINE | 99-09-2 | 3700 | 3700 ug/Kg L | Į. | |
| 41593 41693 | 4) 0 | | | | 99-09-2 | 1800 | 1800 ug/Kg L | J i | V |
| 41793 | 0 | | | | 99-09-2 99-09-2 | 2200 1900 | 2200 ug/Kg L 1900 ug/Kg L | | V |
| 41993 | 0 | 2 IN | SS40009AE | | 99-09-2 | 2000 | 2000 ug/Kg L | | |
| 42093 | 0 | | SS40480AE : | 3-NITROANILINE | 99-09-2 | 1700 | 1700 ug/Kg L | ľ | / |
| 42193 42293 | 4 0 | | | | 99-09-2 | 1700 | 1700 ug/Kg L | | / |
| 42393 | 0 | | | | 99-09-2 99-09-2 | 1900 | 1900 ug/Kg L 1800 ug/Kg L | | |
| 42593 | 4 | 6 IN | SS40082AE | 3-NITROANILINE | 99-09-2 | 1800 | 1800 ug/Kg L | | |
| 42693 | 0 | | SS40080AE : | 3-NITROANILINE | 99-09-2 | 2600 | 2600 ug/Kg L | i. | J |
| 42993 43193 | 0 | | | | 99-09-2 | 1800 | 1800 ug/Kg L | | / |
| 43393 | 4 | | | | 99-09-2 99-09-2 | 1800 1800 | 1800 ug/Kg L 1800 ug/Kg L | | , |
| 43493 | 0 | 2 IN | SS40086AE : | 3-NITROANILINE | 99-09-2 | 1900 | 1900 ug/Kg L | | |
| 43693 43793 | 4 | | | 3-NITROANILINE | 99-09-2 | 1800 | 1800 ug/Kg L | 1 | / |
| 43793. | 0 | | | | 99-09-2 99-09-2 | 1900 | 1900 ug/Kg L | | |
| 43993 | 0 | | | | 99-09-2 | 2000 1900 | 2000 ug/Kg U 1900 ug/Kg U | | |
| 44093 | 0 | 2 IN | SS40090AE : | 3-NITROANILINE | 99-09-2 | 2000 | 2000 ug/Kg U | | |
| 44393 44893 | 0 | | | | 99-09-2 | 1900 | 1900 ug/Kg i U | i\ | |
| | 0 | | | | 99-09-2 99-09-2 | 2200 2400 | 2200 ug/Kg U 2400 ug/Kg U | | |
| 45693 | 0 | | | | | | | | |

| ## 1950 0 2011 S\$400964 | | | | | Table A.2 - Solar | Evaporation Ponds | S AOC - Analytical R | esults for Surf | ace Soils - Or | ganics | | | |
|--|-----------|---------------------------------|-------------|----------|-------------------|-------------------|---|-----------------|----------------|---------|-------|----------------|---|
| CODE START END-LIVET SAMPLE NUMBER TARGET TARGE | OCATION | DEPTH | DEPTH | | | | NS SON ELL | | DETECTION | A. A.M. | | IAR DESILIT | VALIDATION |
| 46983 | | | END | UNIT | SAMPLE NUMBER | AN | ALYTE | CAS NO. | | RESULT | INITS | | QUALIFIER |
| 48793 4 6 N SSOTIAZAE 3-NITROANUNE 99-09-2 1600 1600 1600 1000 1 V V V V V V V V V | 46193 | | | | | | | | 2100 | 2100 u | g/Kg | Ü | |
| 4.6885 | | | | | | | | | | | | | |
| 17985 0 | | | | | | | | | | | | | |
| \$\$600993 01 2 \$5000146E 3-NITROANLINE 99-0-2 2000 2000 70 U V \$\$600910 2 | 47093 | | | | | | | | | | | | |
| \$\$400930 0 2 IN \$\$40021AE 3-NTROANLINE 99-00-2 1900 | SS400293 | | | | SS40018AE | | *************************************** | | | | | | |
| \$4000500 0 0 2 IN \$5400224E 13-NYTROANLINE 196-02-2 1900 1900 1900 1907 U V V \$4000750 | | | | ******* | | | | | | 1700 น | g/Kg | Ü | |
| \$5400793 | | | | | | | | | | | | | |
| \$8400993 | | | | | | | | | | | | | |
| SSA01193 | SS400893 | ******************************* | | | | | | | | | | | |
| \$5401930 | SS401193 | 0 | | | | | ······································ | | | 2400 u | g/Kg | U | |
| SA01999 0 2 N SA00374E SANTFOANNINE 99-09-2 2000 2000 976 U V V V SA01999 0 2 N SA00324E SANTFOANNINE 99-09-2 1800 1800 1800 1800 1800 SA01999 U V V SA01999 U V SA01999 U V SA01999 U V SA01999 U V V SA01999 U V V SA01999 U V V V V V V V V V | | | | | | | | | | | | | |
| SSA01989 | | | | | | | | | | | | | |
| \$5401983 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 1900 1900 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 1000 1000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 3000 2000 ug/kg U V V \$540298 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$\$40034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$540034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$540034AE 3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$540298 0 0 2 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 2 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 2 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$540034AE 3-NITROANLINE 99-09-2 1000 1700 ug/kg U V V \$540298 0 0 3 IN \$5 | | | | | | | | | | | | | |
| \$5402938 0 2 IN \$540038AE \$3-NITROANLINE 99-09-2 1900 1900 ug/kg U V V \$5502958 0 2 IN \$540034AE \$3-NITROANLINE 99-09-2 1900 1800 ug/kg U V V \$5502958 0 2 IN \$540034AE \$3-NITROANLINE 99-09-2 1900 1800 ug/kg U V V \$5502958 0 2 IN \$540038AE \$3-NITROANLINE 99-09-2 1900 1800 ug/kg U V V \$5502958 0 2 IN \$540038AE \$3-NITROANLINE 99-09-2 1900 1800 ug/kg U V V \$5502958 0 2 IN \$540038AE \$3-NITROANLINE 99-09-2 1900 1700 ug/kg U V V \$5502958 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 1900 1700 ug/kg U V V \$5502958 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$5502958 0 0 2 IN \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 2000 2000 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 2000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg U V V \$550038AE \$3-NITROANLINE 99-09-2 1000 1900 ug/kg | SS401893 | | | | | | | | | | | | |
| \$8402783 | SS402393 | 0 | 2 11 | N | | | ······································ | | | | | | |
| \$5402883 0 2 IN \$\$40044E \$3-NTROANUNE \$99.09.2 1500 1700 1700 1700 1700 1700 1700 1700 | SS402593 | | | | | | | | | | | | |
| \$5409983 | | | | | | | | | | | | | |
| \$\$400903 0 2 IN \$\$40046E 3-NTROANILINE 89-06-2 3500 3500 Ug/Ng U V \$\$5400293 0 2 IN \$\$400478 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$5402293 0 2 IN \$\$40046E 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$5402293 0 2 IN \$\$40046E 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$400468 0 0 2 IN \$\$400506E 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$400408 0 0 2 IN \$\$400506E 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$400408 0 0 2 IN \$\$400506E 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$400408 0 0 2 IN \$\$400506E 3-NTROANILINE 89-06-2 2200 2200 Ug/Ng U V \$\$500508 0 0 2 IN \$\$400506E 3-NTROANILINE 89-06-2 2000 1000 Ug/Ng U V \$\$500508 0 0 3 IN \$\$500506E 3-NTROANILINE 89-06-2 1000 1000 Ug/Ng U V \$\$500508 0 0 3 IN \$\$500506E 3-NTROANILINE 89-06-2 1000 1000 Ug/Ng U V \$\$5311493 U IN \$\$500506E 3-NTROANILINE 89-06-2 1000 1000 Ug/Ng U V \$\$5314939 0 2 IN \$\$500006E 3-NTROANILINE 89-06-2 1000 1000 Ug/Ng U V \$\$5314939 0 2 IN \$\$500006A 44-000 172-54-6 173 170 Ug/Ng U V \$\$005033 U V \$\$5000506 44-000 172-54-6 171 170 Ug/Ng U V \$\$005033 U V \$\$5000506 44-000 172-54-6 23 23 Ug/Ng U V \$\$00503 U V \$\$005035 | | | | | | | | | | | | | |
| \$\$403918 0 ZIN \$\$400474E 3-NTROANLINE 99-09-2 2200 2200 URG U V \$\$540393 0 ZIN \$\$400484E 3-NTROANLINE 99-09-2 2200 2200 URG U V \$\$540393 0 ZIN \$\$400484E 3-NTROANLINE 99-09-2 2100 3100 3100 URG U V \$\$540393 0 ZIN \$\$400484E 3-NTROANLINE 99-09-2 2100 3100 URG U V \$\$540393 0 ZIN \$\$400584E 3-NTROANLINE 99-09-2 2000 2000 URG U V \$\$540393 0 ZIN \$\$400584E 3-NTROANLINE 99-09-2 2000 2000 URG U V \$\$540393 0 ZIN \$\$400584E 3-NTROANLINE 99-09-2 2000 2000 URG U V \$\$540393 0 ZIN \$\$400584E 3-NTROANLINE 99-09-2 1900 1900 URG U V \$\$581093 0 ZIN \$\$400584E 3-NTROANLINE 99-09-2 1900 1900 URG U V \$\$581093 0 ZIN \$\$5400584E 3-NTROANLINE 99-09-2 1900 1900 URG U V \$\$581093 0 ZIN \$\$5400584E 3-NTROANLINE 99-09-2 1900 1900 URG U V \$\$581193 0 ZIN \$\$5500524E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$581193 0 ZIN \$\$5500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$581193 0 ZIN \$\$500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$581193 0 ZIN \$\$500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$581193 0 ZIN \$\$500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$581193 0 ZIN \$\$500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$500534E 3-NTROANLINE 99-09-2 1900 1700 URG U V \$\$500534E 3-NTROANLINE 99-09-2 1900 TROANLINE 99-09-2 1900 TROANLINE 99-09-2 1900 URG U V \$\$500534E 3-NTROANLINE 99-09-2 1900 TROANLINE 99-09-2 1900 URG U V \$\$500534E 3-NTROANLINE 99-09-2 190 | SS403093 | | | | | | | | | | | | · |
| \$540293 0 2;IN \$540048E 3-NITROANUNE 99-09-2 200 2200 ug/kg U V \$ \$5405493 0 2;IN \$540048E 3-NITROANUNE 99-09-2 3100 3100 ug/kg U V \$ \$5405493 0 2;IN \$540050AE 3-NITROANUNE 99-09-2 2100 2100 ug/kg U V \$ \$5405493 0 2;IN \$540050AE 3-NITROANUNE 99-09-2 2000 2000 ug/kg U V \$ \$5405493 0 2;IN \$540050AE 3-NITROANUNE 99-09-2 2000 2000 ug/kg U V \$ \$5405493 0 2;IN \$540050AE 3-NITROANUNE 99-09-2 1900 1900 ug/kg U V \$ \$5405493 0 2;IN \$540050AE 3-NITROANUNE 99-09-2 1900 1900 ug/kg U V \$ \$5405493 0 3;IN \$55000AE 3-NITROANUNE 99-09-2 1800 1900 ug/kg U V \$ \$5541463 0 3;IN \$55000AE 3-NITROANUNE 99-09-2 1800 1900 ug/kg U V \$ \$5541463 0 3;IN \$55000AE 3-NITROANUNE 99-09-2 1800 000 ug/kg U V \$ \$5541463 0 2;IN \$55000AE 3-NITROANUNE 99-09-2 1800 000 ug/kg U V \$ \$5541463 0 2;IN \$55000AE 3-NITROANUNE 99-09-2 1800 000 ug/kg U V \$ \$5541463 0 2;IN \$55000AE 4-4-00D 172-54-8 18 18 18 ug/kg U V \$ \$5541463 0 2;IN \$55000AE 4-4-00D 172-54-8 19, 174 ug/kg U V \$ \$56930 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$6993 0 2;IN \$54006AE 4-00D 172-54-8 21 21 ug/kg U V \$ \$699 | SS403193 | | | | SS40047AE | 3-NITROANILINE | | | | | | | |
| SS4005483 0 2 IN SS40050AE 3-HITROANIUNE 99-09-2 2000 2100 2100 10 V SS405583 0 2 IN SS40055AE 3-HITROANIUNE 99-09-2 2000 2000 10 V V SS405583 0 2 IN SS40055AE 3-HITROANIUNE 99-09-2 1600 1600 1600 1700 10 V V SS405583 0 3 IN SSG0105AE 3-HITROANIUNE 199-09-2 1600 1700 1700 10 V V V V V V V V V | SS403293 | | | | | | | | | 2200 u | g/Kg | U | |
| \$5409383 0 2 N \$\$4005474E 3-MITROANILINE | | | | | | | | | | | | | |
| \$5409893 0 0 21N \$\$400524E | | | | | | | | | | 2100 u | g/Kg | U | |
| \$\$81088 0 3 N \$\$50002E 3-NITROANIUNE 99-9-92 1600 1700 1600 1700 | | | | | | | | | | | | | |
| \$5811193 | S\$810893 | | | | | | | | | | | | |
| S\$40393 0 2 IN S\$40048AE 3-PENTEN-Z-ONE 625-35-2 18 18 18 18 18 18 18 1 | SS811193 | 0 | 3 11 | N | | | | | | | | | |
| 15:153 0 2 IN S.00003AE 44'-DDD 72-54-8 18 18 19/Kg U V V V V V V V V V | | | | | | | | | 1600 | | | | |
| 05393 0 2 N SS00005AE 44-DDD | | | | | | | *************************************** | | 400 | | | | |
| 40093 | | | | | | | | | | | | | |
| 40293 | 40093 | | | | | | ······································ | | | | | | |
| 40993 0 2 IN SS40057AE | 40293 | | | | | 4,4'-DDD | | 72-54-8 | | | | | |
| 40793 0 2 IN S\$40058AE | | | | | | | | | | 21 u | g/Kg | υ . | |
| 40893 0 2 N SS40004AE | | | ···· | | | | | | | | | | |
| 40993 0 2 N \$\$40072AE | 40893 | | | | | | | | | 28 U | g/Kg | i U | |
| 14193 0 2 N SS400774E 4,4-DDD 72-54-8 24 24 ug/Kg U V V V V V V V V V | 40993 | | | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | 19 00 | a/Ka | Ü | *************************************** |
| | 41193 | | | | SS40007AE | | | | | | | | |
| | | | | | | | | | | | | | |
| 14793 O 2 N \$\$40077AE 4,4*DDD 72,54-8 19 19 ug/Kg U V V V V V V V V V | | | | | | | | | | | | | |
| 1993 0 2 N \$\$4009AE 4,4*DDD 72-\$4-8 19 19 ug/Kg U V V V V V V V V V | | | | | | | | ····· | | | | | |
| 42093 0 2 N S\$40480AE 4,4*DDD 172-54-8 17 17 ug/Kg U V V V V V V V V V | 41993 | | | | | | | | | | | | |
| 42393 O Z IN S\$40079AE | 42093 | | 2 11 | N I | SS40480AE | 4,4'-DDD | | | | | | | *************************************** |
| 12593 0 2 N S\$40080AE | | | | | | | | | | | | | |
| A2993 O 2 IN S\$40056AE 4,4*DDD 72-54-8 18 18 19 19 19 19 19 1 | | | | | | | | | | | | | |
| 43933 4 6 N S\$40087AE | 42993 | | | | | 4 4 555 | | | | | | | |
| 43693 | 43393 | | | | | | | | | 17 00 | J/Kg | ŭ | |
| 43893 0 2 IN SS40010AE 4,4'-DDD 72-54-8 19 19 19 19 19 19 19 1 | 43693 | | | | | | | 72-54-8 | 17 | 17 ug | g/Kg | U ! | V |
| 43993 0 2 N \$\$40091AE | 43793 | | | | | | | | | | | | |
| 144093 0 2 IN SS40090AE | | | | | | | | | | | | | |
| A4393 O 2 N SS4005AE | 44093 | | | | | | | | | | | | |
| 44893 0 2 N | 44393 | | | V | SS40005AE | | ······································ | | | | | | |
| 44-000 2 N SS40015AE 4,4-000 72-54-8 24 24 19 19 19 19 19 19 19 1 | 44893 | | | | | | | 72-54-8 | 21 | 21 00 | y/Kg | Ü | V |
| 46193 0 2 N \$\$40096AE | 45693 | | | - | | | | | | | | | |
| 46693 4 6 IN SS40141AE 4,4*-DDD 72-54-8 16 17 lug/Kg U V 46793 . 4 6 IN SS40142AE 4,4*-DDD 72-54-8 16 18 lug/Kg U V 46893 4 6 IN SS40143AE 4,4*-DDD 72-54-8 16 18 lug/Kg U V 47093 0 . 1 IN SS40145AE 4,4*-DDD 72-54-8 16 18 lug/Kg U V 58400293 0 2 IN SS40145AE 4,4*-DDD 72-54-8 16 18 lug/Kg U V 58400293 0 2 IN SS40018AE 4,4*-DDD 72-54-8 22 22 lug/Kg U V 585400393 0 2 IN SS40019AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585400593 0 2 IN SS40021AE 4,4*-DDD 72-54-8 16 16 lug/Kg U V 585400693 0 2 IN SS40021AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585400693 0 2 IN SS40021AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585400893 0 2 IN SS40021AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585400893 0 2 IN SS40021AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585400893 0 2 IN SS40021AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585400893 0 2 IN SS40021AE 4,4*-DDD 72-54-8 18 18 lug/Kg U V 585401393 0 2 IN SS40021AE 4,4*-DDD 72-54-8 22 22 lug/Kg U V 585401393 0 2 IN SS40021AE 4,4*-DDD 72-54-8 23 23 lug/Kg U V 585401393 0 2 IN SS40028AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585401393 0 2 IN SS40028AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585401393 0 2 IN SS40028AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585401393 0 2 IN SS40028AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V 585401393 0 2 IN SS40028AE 4,4*-DDD 72-54-8 17 17 lug/Kg U V | | | | | | | | | | | | | |
| ## 46793 4 6 N S\$40142AE 14,4*-DDD 72.54*-B 16 18 ug/Kg U V V V V V V V V V | 46693 | | | | | | | | | | | | |
| 46893 | 46793 - | 4 | 611 | 1 | | | | | ····· | | | | |
| \$\begin{array}{c c c c c c c c c c c c c c c c c c c | 46893 | | | | SS40143AE | 4,4'-DDD | | 72-54-8 | 16 | 18 ug | /Kg | U j' | V |
| \$\text{S\$400393}\$ 0 2 IN \$\text{S\$40019AE}\$ 4,4\text{-DDD}\$ 72-54-8 17 17 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$400593}\$ 0 2 IN \$\text{S\$40021AE}\$ 4,4\text{-DDD}\$ 72-54-8 16 16 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$400693}\$ 0 2 IN \$\text{S\$40022AE}\$ 4,4\text{-DDD}\$ 72-54-8 17 17 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$400893}\$ 0 2 IN \$\text{S\$40023AE}\$ 4,4\text{-DDD}\$ 72-54-8 18 18 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$400893}\$ 0 2 IN \$\text{S\$40024AE}\$ 4,4\text{-DDD}\$ 72-54-8 22 22 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$40193}\$ 0 2 IN \$\text{S\$40027AE}\$ 4,4\text{-DDD}\$ 72-54-8 23 23 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$401293}\$ 0 2 IN \$\text{S\$40028AE}\$ 4,4\text{-DDD}\$ 72-54-8 23 23 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$401293}\$ 0 2 IN \$\text{S\$40028AE}\$ 4,4\text{-DDD}\$ 72-54-8 23 23 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$401293}\$ 0 2 IN \$\text{S\$40028AE}\$ 4,4\text{-DDD}\$ 72-54-8 23 23 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$401293}\$ 0 2 IN \$\text{S\$40028AE}\$ 4,4\text{-DDD}\$ 72-54-8 23 23 \text{ug/kg} U V \$\text{V}\$ \$\text{S\$401293}\$ 0 2 IN \$\text{S\$40028AE}\$ 4,4\text{-DDD}\$ 72-54-8 23 23 \text{ug/kg} U V \$\text{V}\$ | | | | | | | | | | | | | |
| \$\text{S\$400593}\$ 0 2 \text{IN}\$ \$\text{S\$40021AE}\$ | | | | | | | | | | | | | |
| SS400693 0 2 IN SS4002AE 4.4*-DDD 72-54-8 17 17 ug/Kg U V SS400793 0 2 IN SS40023AE 4.4*-DDD 72-54-8 18 18 ug/Kg U V SS400893 0 2 IN SS40024AE 4.4*-DDD 72-54-8 22 22 ug/Kg U V SS400193 0 2 IN SS40027AE 4.4*-DDD 72-54-8 23 23 ug/Kg U V SS40193 0 2 IN SS40028AE 4.4*-DDD 72-54-8 23 23 ug/Kg U V SS40193 0 2 IN SS40028AE 4.4*-DDD 72-54-8 23 23 ug/Kg U V SS40193 0 2 IN SS40028AE 4.4*-DDD 72-54-8 23 23 ug/Kg U V | SS400593 | | | | | | | | ····· | | | | |
| \$\text{S\$400793} \ 0 \ 2 \text{IN} \ \text{S\$40023AE} \ 4,4'-\text{DDD} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | SS400693 | | | | | | | | | | | | |
| \$\$401193 | SS400793 | | | 1 | SS40023AE - | 4,4'-DDD | | 72-54-8 | 18 | 18 ug | /Kg | יי ט | V |
| SS401293 0 2 IN SS40028AE 4.4*-DDD 72-54-8 17 17 Ug/Kg U V SS401393 0 2 IN SS40029AE 4.4*-DDD 72-54-8 23 23 Ug/Kg U V | | | | ·· | | | | | | | | | |
| SS401393 0 2 IN SS40029AE 4,4'-DDD 72-54-8 23 23 ug/Kg U V | | | | | | | | | | | | | |
| | SS401393 | | | | | | | | | | | | |
| | SS401593 | | | | | | · | 72-54-8 | 21 | | | | |

| | | Lazz er | , | Table A.2 - Solar | Evaporation Po | onds AOC - An | alytical Res | ults for Su | | ganics | | | |
|--------------------------------|--------|---|------|---------------------------------------|----------------------|---|---|--------------------|-----------|--------------------|------------|----------------|--------------|
| LOCATION | NEDTH | DEDTH | | | A. A. | | | | DETECTION | *** | | LAB RESULT | VALIDATION |
| CODE | | END | UNIT | SAMPLE NUMBER | | ANALYTE | | CAS NO. | | RESULT UN | TS | QUALIFIER | |
| SS401693 | 0 | | | | 4,4'-DDD | | | 72-54-8 | 17 | | | | i V |
| SS401893 | 0 | | | | 4,4'-DDD | | | 72-54-8 | 18 | 18 ug/l | (g | U | V |
| SS402393 | 0 | | | | 4,4'-DDD | | ····· | 72-54-8 | 18 | | (g_ | U | (V |
| SS402593 SS402793 | 0 | | | | 4,4'-DDD | | | 72-54-8 72-54-8 | 21 | | | | :V |
| SS402793 SS402893 | - 0 | | | · · · · · · · · · · · · · · · · · · · | 4,4'-DDD 4,4'-DDD | | | 72-54-8 | 17 | | | | V |
| SS402993 | 0 | | | | 4.4'-DDD | | | 72-54-8 | 16 | | | | V |
| SS403093 | 0 | | | | 4,4'-DDD | | | 72-54-8 | 34 | | | | iv |
| SS403193 | 0 | | | | 4,4'-DDD | | | 72-54-8 | 22 | | | | V |
| SS403293 | 0 | | IN | | 4,4'-DDD | | | 72-54-8 | 21 | | | | IV. |
| SS403393 SS403493 | 0 | | IN | | 4,4'-DDD 4,4'-DDD | | | 72-54-8 72-54-8 | 30 | 30 ug/l 20 ug/l | | | V |
| SS403593 | | | | | 4,4'-DDD | | | 72-54-8 | 19 | 20/ug/l | | | V |
| SS403693 | 0 | *************************************** | | | 4,4'-DDD | | | 72-54-8 | 19 | 19 ug/l | | | V |
| SS606292 | 0 | | | | 4,4'-DDD | | | 72-54-8 | 16 | | | | V |
| SS620292 | 0 | | | | 4,4'-DDD | | | 72-54-8 | 16 | 20:ug/h | | | IV. |
| 05193 05393 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 18 | 18 jug/k | | | V |
| 40093 | 0 | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 23 | 17:ug/l 23:ug/l | | | Z V |
| 40293 | - 0 | | | | 4,4'-DDE | | | 72-55-9 | 21 | 21 ug/ł | | | V |
| 40393 | 0 | | | | 4,4'-DDE | | *************************************** | 72-55-9 | 21 | 21 ug/k | | | v |
| 40693 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 29 | 29 ug/h | (g | Ü | V |
| 40793 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 28 | 28 ug/h | | | V |
| 40893 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 16 | 19 ug/h | | | V |
| 40993 41193 | 0 | | | | 4,4'-DDE 4,4'-DDE | | **** | 72-55-9 72-55-9 | 19 | 19 ug/k 24 ug/k | | | V V |
| 11293 | - 6 | | | | 4,4'-DDE | *************************************** | ······································ | 72-55-9 | 36 | 36 ug/k | | | V |
| 41593 | 4 | | | | 4,4'-DDE | ······································ | | 72-55-9 | 17 | | | | V |
| 41693 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 21 | 21 ug/k | (g | U | V |
| 41793 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 19 | 19 ug/k | | | IV. |
| 41993 42093 | 0 | | | | 4,4'-DDE | | | 72-55-9 72-55-9 | 19 | 19 ug/k | | | V V |
| 42193 | 4 | · | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 17 | 17 ug/k 17 ug/k | | | J |
| 12393 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 17 | 17 ug/k | | | V |
| 12693 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 25 | 25 ug/H | | | V |
| 12993 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 18 | 18 ug/k | (g | U | V |
| 13393 | . 4 | | | | 4,4'-DDE | | | 72-55-9 | 17 | 17 ug/k | | | V . |
| 43693 43793 | 4 0 | | | | 4,4'-DDE | ····· | | 72-55-9 | 17 | 17 ug/k | | | V |
| 43893 | | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 18 | 18 ug/k 19 ug/k | | | V V |
| 13993 | 0 | | | | 4,4'-DDE | *************************************** | | 72-55-9 | 18 | 18 ug/H | | | V |
| 14093 | 0 | | · | | 4,4'-DDE | | *************************************** | 72-55-9 | 19 | 19 ug/k | g | Ū | V |
| 14393 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 18 | 18 ug/k | | | V |
| 14893 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 21 | 21 ug/k | | | V |
| 15693 15793 | 0 | | | | 4,4'-DDE 4,4'-DDE | | ······ | 72-55-9 72-55-9 | 23 | 23 ug/k | | | V V |
| 16193 | 0 | | | | 4,4'-DDE | | *************************************** | 72-55-9 72-55-9 | 20 | 24 ug/k 20 ug/k | | | V |
| 16693 | 4 | | | | 4.4'-DDE | | | 72-55-9 | 16 | 17 ug/k | | | v |
| 16793 | 4 | | IN | SS40142AE | 4,4'-DDE | | | 72-55-9 | 16 | 18 ug/k | | | V |
| 16893 | 4 | | | | 4,4'-DDE | | | 72-55-9 | 16 | 18 ug/k | | | V |
| 470 9 3 SS400293 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 16 | 18 ug/k | | | V |
| S\$400293 | 0 | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 22 | 22 ug/k | | | V . |
| S\$400593 | 0 | | | | 4,4'-DDE 4.4'-DDE | | | 72-55-9 72-55-9 | 17 | 17 ug/k 16 ug/k | | | V |
| SS400693 | 0 | | | | 4,4'-DDE | · · · · · · · · · · · · · · · · · · · | | 72-55-9 | 17 | 17;ug/K | g | U | v · |
| S\$400793 | 0 | | IN | SS40023AE | 4,4'-DDE | | | 72-55-9 | 18 | 18,ug/K | g i | Ū | V |
| S400893 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 22 | 22 ug/k | | | V |
| 5S401193 5S401293 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 23 | 23 ug/K | | | <u>ν</u> |
| S\$401293 | 0 | | | | 4,4'-DDE 4,4'-DDE | ······································ | | 72-55-9 72-55-9 | 17 | 17 ug/k 23 ug/k | | | V |
| S\$401593 | Ö | | | | 4,4'-DDE | ····· | | 72-55-9 | 23 | 23 ug/k | | | V |
| S401693 | 0 | 2 | IN . | SS40032AE | 4,4'-DDE | | | 72-55-9 | 17 | 17 ug/K | | | V |
| \$401893 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 18 | 18 ug/k | | Ū | V |
| S402393 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 18 | 18 ug/k | | | V |
| S402593 S402793 | 0 | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 21 | 21 ug/k 18 ug/k | | | V V |
| S402793 | 0 | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 18 | 17 ug/K | | | V |
| S402993 | ō | | | | 4,4'-DDE | | | 72-55-9 | 16 | 16 ug/K | | | V |
| S403093 | 0 | 2 | IN | S\$40046AE | 4,4'-DDE | | | 72-55-9 | 34 | 34 ug/k | ģΪ | U | V |
| S403193 | Ō | | | | 4,4'-DDE | | | 72-55-9 | 22 | 22 ug/k | g | U | V |
| S403293 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 21 | 21 ug/K | | | V |
| SS403393 SS403493 | 0 | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 30 | 30 ug/K | | | V |
| S\$403493 | 0 | | | | 4,4'-DDE 4,4'-DDE | | | 72-55-9 72-55-9 | 20 | 20 ug/K 19 ug/K | | | v v |
| S403693 | - 6 | | | | 4,4'-DDE | | | 72-55-9 | 19 | 19 ug/K | gi | U | V |
| S606292 | 0 | 2 | IN I | SS60062WC | 4,4'-DDE | | | 72-55-9 | 16 | 18 ug/K | gi | U | v |
| S620292 | 0 | | | | 4,4'-DDE | | | 72-55-9 | 16 | 20 ug/K | g | U | V |
| 5193 | 0 | | IN | SS00003AE | 4,4'-DDT | | - | 50-29-3 | 18 | 18 ug/K | | | V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 12. LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION UNIT SAMPLE NUMBER ANALYTE RESULT UNITS QUALIFIER QUALIFIER CODE START END CAS NO LIMIT 4,4'-DDT 05393 SS00005AE 50-29-3 21N 17_iug/Kg ¡UX 23 ug/Kg | U 40093 0 2 IN SS40060AE 4.4'-DDT 50-29-3 23 40293 n 2 IN SS40042AF 4.4'-DDT 50-29-3 21 21 ug/Kg | U 40393 0 2 IN SS40053AF 14.4'-DDT 50-29-3 21 21 ug/Kg | U ī 40693 n 2 IN SS40057AF 4.4'-DDT 50-29-3 29 29 ug/Kg | U īν 40793 0 2 IN ISS40058AF 4.4'-DDT 50-29-3 28 28 ug/Kg | U ī 40893 0 2 IN SS40004AE 4.4'-DDT 50-29-3 16 19 ug/Kg | U ĪV 0 SS40072AF 40993 2 IN 4.4'-DDT 50-29-3 19 19 ug/Kg U V 41193 0 2| IN SS40007AE 4.4'-DDT 150-29-3 24 24 ug/Kg | U V SS40071AF 4.4'-DD1 41293 0 2:IN 150-29-3 36 36 ug/Kg U V 41593 17 4 SS40073AE 6!IN 4.4'-DDT 50-29-3 17 ug/Kg U V 41693 ō SS40410AE 4.4'-DDT 2:IN 150-29-3 21 21 ug/Kg | U IV 41793 2 IN ISS40077AE Oi 4.4'-DD 50-29-3 19 19 ug/Kg | U 41993 2 IN \$\$40009AE 4.4'-DDT 50-29-3 19 19 ug/Kg | U Ī 42093 2IIN SS40480AE 4,4'-DDT 50-29-3 17 17 ug/Kg | U 42193 SS40012AE 4,4'-DDT 50-29-3 17 17 ug/Kg U IJ 2|IN SS40079AE 42393 Ö 4,4'-DDT 50-29-3 17 17 ug/Kg U 42693 SS40080AE 4.4'-DDT 50-29-3 25 25 ug/Kg | U SS40056AE 18 ug/Kg U 42993 0 2 IN 4,4'-DDT 18 43393 SS40087AE 4,4'-DDT 6 IN 50-29-3 17 ug/Kg |U 6! IN 43693 SS40089AE 4,4'-DDT 50-29-3 17 17 ug/Kg U 2| IN 43793 0 SS40088AE 4.4'-DDT 50-29-3 18 18 ug/Kg U 2 IN 4,4'-DDT 43893 Õ SS40010AE 50-29-3 19 19 ug/Kg U 43993 0 2 IN SS40091AE 4.4'-DDT 50-29-3 18 18 ug/Kg U 44093 0 2 IN SS40090AE 4,4'-DDT 50-29-3 19 19 ug/Kg | U 44393 0 2 IN SS40005AE 4.4'-DDT 50-29-3 18 18 ug/Kg U 44893 0 2 IN SS40070AE 4,4'-DDT 50-29-3 21 21 ug/Kg U IV 45693 0 2 IN ISS40094AF 4.4'-DDT 150-29-3 23 23 ug/Kg U 45793 0 2110 SS40015AF 4.4'-DDT 50-29-3 24 24 ug/Kg U V 46193 SS40096AF 0 2!IN 4.4'-DDT 50-29-3 20 20 ug/Kg | U 46693 SS40141AF 4 6IIN 4.4'-DDT 50-29-3 16 17 ug/Kg U IV 46793 61IN SS40142AE 14.4'-DDT 50-29-3 16 18 ug/Kg | U īV 46893 SS40143AE 4 6 IN 14.4'-DD1 50-29-3 16 18 ug/Kg U IV 0 SS40145AE 47093 1 IN 4.4'-DDT 50-29-3 16 18 ug/Kg | U IV SS400293 0 SS40018AE 2 IN 4.4'-DD 50-29-3 22 22 ug/Kg U V S\$400393 0 2 IN SS40019AE 4,4'-DDT 150-29-3 17 17 ug/Kg U SS400593 SS40021AE 4,4'-DDT 0 2 IN 150-29-3 16 16 ug/Kg | U SS400693 211 SS40022AE 4.4'-DDT 50-29-3 17 17 ug/Kg | U īv S\$400793 SS40023AE 4.4'-DD1 50-29-3 18 18|ug/Kg |U IV S\$400893 211 SS40024AE 4,4'-DDT 50-29-3 22 22 ug/Kg | U ĪV SS401193 SS40027AE 4,4'-DD 50-29-3 23 23 ug/Kg | U SS401293 0 2 IN SS40028AE 4,4'-DD1 17 17 ug/Kg U 50-29-3 IV SS401393 2 IN SS40029AE 4.4'-DD 50-29-3 23 23 ug/Kg | U SS401593 0 2IN SS40031AE 50-29-3 4.4'-DD 21 21 ug/Kg U SS401693 SS40032AE 4.4'-DD 50-29-3 17 17 ug/Kg U 2 IN SS401893 0 SS40034AE 4,4'-DDT 18 18 ug/Kg | U SS402393 0 2|IN SS40039AE 4,4'-DD1 50-29-3 18 18 ug/Kg | U SS402593 O 2||N SS40041AE 4,4'-DDT 50-29-3 21 21 ug/Kg U 4,4'-DD1 SS402793 ñ 2 IN SS40043AE 50-29-3 18 ug/Kg | U SS402893 0 2 IN SS40044AE 14,4'-DDT 50-29-3 17 17 ug/Kg U IV SS402993 O 2 IN SS40045AE 4.4'-DD1 50-29-3 16 16 ug/Kg | U SS403093 0 2! IN SS40046AF 4.4'-DDT 50-29-3 34 34 ug/Kg U V SS403193 0 2 IN SS40047AF 4.4'-DDT 50-29-3 22 22 ug/Kg U SS403293 0 2 IN SS40048AF 4.4'-DDT 50-29-3 21 21 ug/Kg U IV SS403393 0 2 IN SS40049AF 14 4'-DDT 50-29-3 30 30 ug/Kg | U SS403493 4.4'-DDT SS40050AF 20|ug/Kg |U 0 2 IN 50-29-3 20 SS403593 0 2 IN ISS40051AE 14.4'-DDT 150-29-3 19 19 ug/Kg |U IV SS403693 SS40052AE 0 4.4'-DD1 2 IN 50-29-3 19 19 ug/Kg | U ١V SS606292 2 IN 0 SS60062WC 4.4'-DD1 50-29-3 16 18 ug/Kg | U IV SS620292 SS60202WC ñ 2IIN 4.4'-DD1 50-29-3 16 20 ug/Kg U īv 0 2 IN SS00002AE 14,6-DINITRO-2-METHYLPHENOL 1534-52-1 1800 1800 ug/Kg | U 17 05193 2 IN SS00003AE 4,6-DINITRO-2-METHYLPHENOL 534-52-1 1900 1900 ug/Kg | U 05393 ō SS00005AE 14,6-DINITRO-2-METHYLPHENOL 534-52-1 ĪŻ 1800 1800 ug/Kg | U 40093 2'IN SS40060AE 4,6-DINITRO-2-METHYLPHENOL 534-52-1 2400 2400 ug/Kg | U IV 40293 2 IN SS40042AE 0 4,6-DINITRO-2-METHYLPHENOL 534-52-1 2200 2200 ug/Kg | U IV 40393 SS40053AE 4,6-DINITRO-2-METHYLPHENOL 2200 ug/Kg U 534-52-1 2200 IV 40693 0 2 IN SS40057AE 4,6-DINITRO-2-METHYLPHENO 534-52-1 3000 3000|ug/Kg |U 40793 0 2 IN SS40058AE 4,6-DINITRO-2-METHYLPHENOL 534-52-1 2900 2900 ug/Kg | U 40893 0 2:IN SS40004AE 4,6-DINITRO-2-METHYLPHENOL 534-52-1 1600 1900 ug/Kg | U 40993 534-52-1 0 2 IN SS40072AE 4,6-DINITRO-2-METHYLPHENOL 2000 2000 ug/Kg U 41193 2 IN 0 SS40007AE 4,6-DINITRO-2-METHYLPHENOL 534-52-1 2500 2500 ug/Kg | U IV 41293 0 21IN SS40071AF 4,6-DINITRO-2-METHYLPHENOL 534-52-1 3700 3700 ug/Kg | U IV 41593 41693 4 6HN SS40073AF 4,6-DINITRO-2-METHYLPHENOL 534-52-1 1800 1800 ug/Kg U 0 2 IN SS40410AE 4,6-DINITRO-2-METHYLPHENOL 534-52-1 2200 2200 ug/Kg | U 41793 0 21IN SS40077AF 4,6-DINITRO-2-METHYLPHENOL 1534-52-1 1900 1900 ug/Kg | U 41993 0 2 IN ISS40009AE 4.6-DINITRO-2-METHYLPHENOL 1534-52-1 2000 2000 ug/Kg U 42093 0 2 IN SS40480AF 4.6-DINITRO-2-METHYLPHENOL 534-52-1 1700 1700 ug/Kg U V 42193 SS40012AE 4,6-DINITRO-2-METHYLPHENOL 6| IN 534-52-1 1700 1700 ug/Kg U ĪV

280

:

| LOCATION | | | | | | ands AOC - Analytical Res | | DETECTION | 364 1 | | LAB RESULT | |
|------------------------|------------|-------------------------|----------------------|---|--|---|----------------------|--------------|-------------|------------------|---|-----------|
| CODE 42293 | START | P. COTTONNESS B. AND VA | | SAMPLE NUMBER | managed drawning in him . | more and the same | CAS NO. 534-52-1 | LIMIT 1900 | | UNITS | QUALIFIER | QUALIFIER |
| 42393 | 0 | 2 | | SS40079AE | | -METHYLPHENOL | 534-52-1 | 1800 | | ug/Kg | | V |
| 42593 | 4 | | | SS40082AE | | -METHYLPHENOL | 534-52-1 | 1800 | | ug/Kg | | V |
| 42693 42993 | 0 | | | SS40080AE SS40056AE | | -METHYLPHENOL -METHYLPHENOL | 534-52-1 534-52-1 | 2600 1800 | | ug/Kg ug/Kg | <u> U</u> | V |
| 43193 | | | | | | | 534-52-1 | 1800 | | ug/Kg | | 1 |
| 43393 | 4 | (| ~ ~~~~~~~ | SS40087AE | | | 534-52-1 | 1800 | | ug/Kg | | V |
| 43493 | 0 | | | SS40086AE | | | 534-52-1 | 1900 | | ug/Kg | | IJ |
| 43693* 43793 | 4 | | | SS40089AE SS40088AE | | -METHYLPHENOL -METHYLPHENOL | 534-52-1 534-52-1 | 1800 1900 | | lug/Kg lug/Kg | | V |
| 43893 | 0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | -METHYLPHENOL | 534-52-1 | 2000 | | ug/Kg | | IV |
| 43993 | 0 | | | | | | 534-52-1 | 1900 | | ug/Kg | | V |
| 44093 | 0 | | | | | | 534-52-1 | 2000 | 2000 | ug/Kg | U | İ |
| 44393 | 0 | | | | | | 534-52-1 | 1900 | | lug/Kg | | IV. |
| 44893 45693 | 0 | | | SS40070AE SS40094AE | | -METHYLPHENOL -METHYLPHENOL | 534-52-1 534-52-1 | 2200 2400 | | ug/Kg ug/Kg | | V |
| 45793 | <u>ŏ</u> | | IN | SS40015AE | | -METHYLPHENOL | 534-52-1 | 2500 | | ug/Kg | | V |
| 46193 | 0 | | | SS40096AE | | -METHYLPHENOL | 534-52-1 | 2100 | | ug/Kg | | V |
| 46693 | 4 | | | | | -METHYLPHENOL | 534-52-1 | 1600 | | ug/Kg | | V |
| 46793 | 4 | | | SS40142AE | | -METHYLPHENOL | 534-52-1 | 1600 | | ug/Kg | | V |
| 46893 47093 | 4 0 | | | | | | 534-52-1 534-52-1 | 1600 1600 | | ug/Kg ug/Kg | | IV IV |
| SS400293 | 0 | | | | | -METHYLPHENOL | 534-52-1 | 2300 | | ug/Kg | | V |
| SS400393 | 0 | 2 | IN | SS40019AE | 4,6-DINITRO-2 | -METHYLPHENOL | 534-52-1 | 1700 | 1700 | ug/Kg | U | ١V |
| SS400593 SS400693 | 0 | | | | | | 534-52-1 | 1700 | | ug/Kg | | V |
| SS400693 SS400793 | 0 | | | | | -METHYLPHENOL -METHYLPHENOL | 534-52-1 534-52-1 | 1800 1900 | | iug/Kg | | V V |
| SS400893 | - <u>ö</u> | | | | | METHYLPHENOL | 534-52-1 | 2300 | | iug/Kg lug/Kg | | V |
| S\$401193 | 0 | | | | ************************************** | | 534-52-1 | 2400 | | ug/Kg | | V |
| SS401293 | 0 | | | | | | 534-52-1 | 1800 | | ug/Kg | | V |
| SS401393 SS401593 | 0 | | | | | | 534-52-1 | 2400 | | ug/Kg | | V |
| S\$401693 | 0 | h | | | | METHYLPHENOL METHYLPHENOL | 534-52-1 534-52-1 | 2200 1800 | | ug/Kg ug/Kg | | V V |
| SS401893 | 0 | | | | | | 534-52-1 | 1900 | | ug/Kg | | V |
| SS402393 | 0 | | | SS40039AE | | METHYLPHENOL | 534-52-1 | 1900 | | ug/Kg | | V |
| SS402593 | 0 | | | | | | 534-52-1 | 2200 | | ug/Kg | | V |
| SS402793 SS402893 | . 0 | | · | | | | 534-52-1 534-52-1 | 1800 | | ug/Kg | | V |
| SS402993 | 0 | | | | | ······ | 534-52-1 | 1700 | | ug/Kg ug/Kg | | V |
| SS403093 | 0 | | | ~ | | METHYLPHENOL | 534-52-1 | 3500 | | ug/Kg | | v |
| S\$403193 | 0 | | | | | | 534-52-1 | 2300 | 2300 | ug/Kg | U | V |
| SS403293 SS403393 | 0 | | | | | | 534-52-1 | 2200 | | ug/Kg | | V |
| SS403393 | 0 | | | | | METHYLPHENOL METHYLPHENOL | 534-52-1 534-52-1 | 3100 2100 | | ug/Kg ug/Kg | | V |
| SS403593 | Ö | | | ····· | | | 534-52-1 | 2000 | | ug/Kg | | V · |
| SS403693 | 0 | | | SS40052AE | 4,6-DINITRO-2- | METHYLPHENOL | 534-52-1 | 1900 | | ug/Kg | | V |
| SS810893 | 0 | | | | | | 534-52-1 | 1600 | | ug/Kg | *************************************** | V |
| SS811193 SS811493 | 0 | | | | | | 534-52-1 | 1600 | | ug/Kg | | V |
| 05093 | 0 | | | | | METHYLPHENOL SETHYLPHENOL | 534-52-1 59-50-7 | 1600 360 | | ug/Kg ug/Kg | | Z |
| 05193 | Ō | | | | | | 59-50-7 | 380 | | ug/Kg | | Ž |
| 05393 | 0 | | | | | | 59-50-7 | 360 | 360 | ug/Kg | U | Z · |
| 40093 | 0 | | | | | | 59-50-7 | 480 | | ug/Kg | | V |
| 40293 40393 | 0 | | | | | | 59-50-7 59-50-7 | 450 440 | | ug/Kg ug/Kg | | V |
| 10693 | 0 | | | | | | 59-50-7 | 600 | | ug/Kg | | <u>v</u> |
| 10793 | 0 | | | | | | 59-50-7 | 590 | | ug/Kg | | · · |
| 10893 | 0 | ~ | | | | | 59-50-7 | 330 | | ug/Kg | | V |
| 10993 | 0 | | | | | | 59-50-7 | 390 | | ug/Kg | | V |
| 1293 | 0 | | | | | ····· | 59-50-7 59-50-7 | 500 740 | | ug/Kg ug/Kg | | V V |
| 1593 | 4 | | | | | | 59-50-7 | 350 | | ug/Kg | | <u>v</u> |
| 1693 | 0 | | | SS40410AE | | | 59-50-7 | 450 | | ug/Kg | | V |
| 1793 | 0 | | | | | | 59-50-7 | 390 | | ug/Kg | | |
| 1993 | 0, | | | | | | 59-50-7 | 400 | | ug/Kg | | |
| 2193 | 4 | | | | | | 59-50-7 59-50-7 | 350 350 | | ug/Kg ug/Kg | | v V |
| 2293 | 0 | | | | | | 59-50-7 | 380 | | ug/Kg | | j |
| 2393 | 0 | | | | | | 59-50-7 | 360 | 360 | ug/Kg | U | V |
| 2593 | 4 | | | | | | 59-50-7 | 350 | | ug/Kg | | V |
| 2693 2993 | 0) 0: | | | | | | 59-50-7 59-50-7 | 520 370 | | ug/Kg ug/Kg | | J V |
| 3193 | 0 | | | | | | 59-50-7 59-50-7 | 370 | | ug/Kg : | | <u>v</u> |
| 3393 . ; | 4 | 6 | IN | S\$40087AE | 4-CHLORO-3-M | ETHYLPHENOL | 59-50-7 | 350 | | ug/Kg | | V |
| 3493 | 0 | | | | | | 59-50-7 | 380 | 380 | ug/Kg | U | J |
| 3693 : : 3793 | 4 | | | | | | 59-50-7 | 350 | | ug/Kg | | <u>V</u> |
| 3893 | 0 | | | | | | 59-50-7 59-50-7 | 380 400 | | ug/Kg ug/Kg | | V V |

| | Ti i www.iii | 1 | | | Evaporation Ponds A | OC - Analytical Res | | face Soils - Or | ganics | y | | |
|-------------------------|--------------|--------|---------------------|--|--------------------------------------|--|-------------------------------|-------------------|-------------|------------------------|----------------|----------------|
| LOCATION | DEPTH | DEPTH | 3 | | | | Alexander Alexandra | DETECTION | | | LAB RESULT | VALIDATION |
| CODE | | | UNIT | | | | CAS NO. | LIMIT | | UNITS | QUALIFIER | QUALIFIER |
| 43993 | 1 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 380 | | ug/Kg | | ίV |
| 44093 144393 | 0 | | 2 IN 2 IN | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 400 380 | | ug/Kg ug/Kg | | V |
| 44893 | 1 0 | | 2 IN | | 4-CHLORO-3-METHY | | 59-50-7 | 440 | | ug/Kg | | iv |
| 45693 | 0 | | 2 IN | SS40094AE | 4-CHLORO-3-METHY | | 59-50-7 | 480 | 480 | ug/Kg | | V |
| 45793 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 500 | | ug/Kg | | V |
| 46193 46693 | 0 | | ZIN SIN | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 420 330 | | ug/Kg | | IV IV |
| 46793 | 4 | · | ~`~~~~~~ | | 4-CHLORO-3-METHY | | 59-50-7 | 330 | | ug/Kg ug/Kg | | V |
| 46893 | 4 | E | | · · · · · · · · · · · · · · · · · · · | 4-CHLORO-3-METHY | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 59-50-7 | 330 | | ug/Kg | | V |
| 47093 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 330 | | ug/Kg | | V |
| SS400293 SS400393 | i 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 460 | | ug/Kg | | V |
| SS400593 | 0 | | | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 350 340 | | ug/Kg ug/Kg | | V |
| SS400693 | Ö | | | ************************************** | 4-CHLORO-3-METHY | | 59-50-7 | 360 | | ug/Kg | | v |
| SS400793 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 380 | | ug/Kg | U | V |
| SS400893 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 460 | | ug/Kg | | V |
| SS401193 SS401293 | 0 | | | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 480 360 | | ug/Kg | | V |
| SS401293 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 470 | | ug/Kg ug/Kg | | V |
| SS401593 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 430 | | ug/Kg | | v |
| SS401693 | 0 | | 2 IN | SS40032AE | 4-CHLORO-3-METHY | LPHENOL | 59-50-7 | 360 | 360 | ug/Kg | U | V |
| SS401893 | 0 | | IN | | 4-CHLORO-3-METHY | | 59-50-7 | 380 | 380 | ug/Kg | U | V |
| SS402393 SS402593 | 0 | | | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 380 | | ug/Kg | | V |
| SS402393 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 440 370 | | ug/Kg ug/Kg | | V |
| SS402893 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 350 | | ug/Kg | | V |
| SS402993 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 340 | | ug/Kg | | V |
| SS403093 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 700 | | ug/Kg | | V |
| SS403193 SS403293 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 460 | | ug/Kg | | V |
| SS403293 SS403393 | 0 | | | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 440 630 | | ug/Kg lug/Kg | | V |
| SS403493 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 420 | | ug/Kg i | | V |
| SS403593 | 0 | 2 | IN | | 4-CHLORO-3-METHY | | 59-50-7 | 390, | | ug/Kg | | V |
| SS403693 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 390 | | ug/Kg | | V |
| SS810893 | 0 | | | | 4-CHLORO-3-METHY | | 59-50-7 | 330 | | ug/Kg | | V |
| SS811193 SS811493 | 0 | | | | 4-CHLORO-3-METHY 4-CHLORO-3-METHY | | 59-50-7 59-50-7 | 330 330 | | ug/Kg | | V |
| 05093 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 360 | | ug/Kg ug/Kg | | Z |
| 05193 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 380 | | ug/Kg | | v v |
| 05893 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 360 | | ug/Kg | | Z |
| 40093 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 480 | | ug/Kg | | V |
| 40293 40393 | 0 | | | | 4-CHLOROANILINE 4-CHLOROANILINE | | 106-47-8 106-47-8 | 450 440 | | ug/Kg | | V |
| 40693 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 600 | | ug/Kg ug/Kg | | V V |
| 40793 | 0 | | | | 4-CHLOROANILINE | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 106-47-8 | 590 | | ug/Kg | | V |
| 40893 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 330 | | ug/Kg | | V |
| 40993 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 390 | | ug/Kg | | V |
| 41193 41293 | 0 | | | | 4-CHLOROANILINE 4-CHLOROANILINE | | 106-47-8 106-47-8 | 500 740 | | ug/Kg ug/Kg | | V |
| 41593 | . 4 | ······ | | | 4-CHLOROANILINE | | 106-47-8 | 350 | | ug/Kg | | v V |
| 41693 | 0 | 2 | | | 4-CHLOROANILINE | | 106-47-8 | 450 | | ug/Kg | | V · |
| 41793 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 390 | 390 | ug/Kg | Ū | |
| 41993 42093 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 400 | | ug/Kg | | |
| 42093 42193 | 0 4 | | - | | 4-CHLOROANILINE 4-CHLOROANILINE | | 106-47-8 106-47-8 | 350 350 | | ug/Kg ug/Kg | | V V |
| 42293 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 380 | | ug/Kg | | J |
| 42393 | 0 | 2 | IN | \$\$40079AE | 4-CHLOROANILINE | | 106-47-8 | 360 | 360 | ug/Kg | ū | v |
| 42593 | 4 | | | | 4-CHLOROANILINE | | 106-47-8 | 350 | 350 | ug/Kg | U | V |
| 42693 | 0; | | | | 4-CHLOROANILINE | | 106-47-8 | 520 | | ug/Kg | | J |
| 42993 43193 | 0 | | | | 4-CHLOROANILINE 4-CHLOROANILINE | | 106-47-8 106-47-8 | 370 360 | | ug/Kg ug/Kg | | <u>V</u> |
| 43393 | 4 | | | | 4-CHLOROANILINE | | 106-47-8 | 350 | | ug/Kg | | v |
| 43493 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 380 | | ug/Kg | | y J |
| 43693 | 4 | | IN | SS40089AE - | 4-CHLOROANILINE | | 106-47-8 | 350 | 350 | ug/Kg | Ū | V |
| 43793 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 380 | | ug/Kg | | V |
| 43893 43993 | 0 | | | | 4-CHLOROANILINE 4-CHLOROANILINE | | 106-47-8 106-47-8 | 400 380 | | ug/Kg il | | <u>V</u> |
| 44093 | 0 | | | | 4-CHLOROANILINE | | 106-47-8 | 400 | | ug/Kg ug/Kg | | V |
| 44393 | 0 | | | | 4-CHLOROANILINE | | 06-47-8 | 380 | | ug/Kg | | v |
| 44893 | 0: | 2 | IN | SS40070AE | 4-CHLOROANILINE | | 06-47-8 | 440 | | ug/Kg | | · |
| 45693 | 0 | | | | 4-CHLOROANILINE | | 06-47-8 | 480 | 480 | ug/Kg I | Ú | V |
| 45793 | 0 | | | | 4-CHLOROANILINE | | 06-47-8 | 500 | | ug/Kg l | | <u>v</u> |
| 46102 | 0 | | | | 4-CHLOROANILINE | | 06-47-8 | 420 | | ug/Kg l | | V |
| 46193 46693 | 4 | 6 | IIN II | SS40141AF 14 | 4-CHLOROANII INF | | !N6-417R ∣ | | | | | |
| 46193 46693 46793 | 4 | | | | 4-CHLOROANILINE 4-CHLOROANILINE | | 06-47-8 06-47-8 | 330 330 | | ug/Kg l ug/Kg l | | |
| 46693 | | 6 6 | IN IN | SS40142AE 4 | | [1 | 06-47-8 06-47-8 06-47-8 | 330 330 330 | 360 | ug/Kg (l ug/Kg (l | Ų į | v V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 120 ~3 # · # \$ 180 m 437 3 LOCATION DEPTH LAB RESULT DEPTH DETECTION VALIDATION END UNIT SAMPLE NUMBER CAS NO. CODE START ANALYTE LIMIT / RESULT UNITS QUALIFIER QUALIFIER SS40018AE SS400293 2 IN 4-CHLOROANILINE 106-47-8 O 460 460 ug/Kg | U 55400393 n 21IN :SS40019AF 4-CHLOROANILINE 106-47-8 350 350 ug/Kg | U SS400593 0 2 IN !SS40021AF 4-CHLOROANILINE 1106-47-8 340|ug/Kg | U 340 IV SS400693 C 2 IN ISS40022AF 4-CHLOROANILINE 1106-47-8 360 360 ug/Kg | U iV SS400793 2IIN SS40023AF 0 4-CHLOROANILINE 1106-47-8 380 380 ug/Kg | U W SS400893 0 2 IN SS40024AE 4-CHLOROANILINE 106-47-8 460 460 ug/Kg | U ĪV SS401193 ō SS40027AF 2:IN 4-CHLOROANILINE 106-47-8 480 480 ug/Kg | U IV SS401293 0 SS40028AE 4-CHLOROANILINE 2 IN 106-47-8 360 360 ug/Kg | U īV SS401393 0 2 IN SS40029AE 4-CHLOROANILINE 106-47-8 470 470 ug/Kg | U īV SS401593 |SS40031AE 4-CHLOROANILINE 0 2 IN 106-47-8 430 430 ug/Kg | U IV SS40032AE 106-47-8 SS401693 0 4-CHLOROANILINE 360 360 ug/Kg U V SS401893 106-47-8 ō SS40034A 4-CHLOROANILINE 380 380 ug/Kg | U IV SS402393 SS40039AE 4-CHLOROANILINE 0 2 IN 106-47-8 380 380 ug/Kg | U ١V SS402593 ō 2IIN SS40041AE 4-CHLOROANILINE 106-47-8 440 440 ug/Kg |U SS402793 0 2 IN SS40043AE 4-CHLOROANILINE 106-47-8 370 370 ug/Kg | U V SS402893 0 2IIN SS40044AE 4-CHLOROANILINE 106-47-8 350 350 ug/Kg | U SS402993 0 2 IN SS40045AE 4-CHLOROANILINE 106-47-8 340 340 ug/Kg | U SS403093 0 2 IN SS40046AE 4-CHLOROANILINE 106-47-8 700 700 ug/Kg U SS403193 0 2IIN SS40047AE 4-CHLOROANILINE 106-47-8 460 460 ug/Kg | U SS403293 n 2 IN SS40048AE 4-CHLOROANILINE 106-47-8 440 440 ug/Kg | U ISS403393 ۵ 2IIN SS40049AE 4-CHLOROANILINE 106-47-8 630 630 ug/Kg | U V ISS403493 0 2 IN SS40050AF 4-CHLOROANILINE 106-47-8 420 420 ug/Kg | U SS403593 0 2 IN SS40051AE 4-CHLOROANILINE 106-47-8 390 ug/Kg U 390 · ISS403693 0 2 IN :SS40052AE 4-CHLOROANILINE 1106-47-8 390 390 ug/Kg | U SS810893 ISSG0102.JF 4-CHLOROANILINE 0 3IIN 106-47-8 330 340 ug/Kg | U ī SS811193 4-CHLOROANILINE 0 3 IN SSG0105JE 106-47-8 330 350 ug/Kg | U SS811493 0 3IIN ISSG0108JF 4-CHLOROANILINE 1106-47-8 330 380|ug/Kg | U V 05093 0 2 IN SS00002AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 360 ug/Kg | U 05193 2 IN SS00003AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 380 380 ug/Kg | U V 05393 2 IN SS00005AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 360 ug/Kg | U 40093 SS40060AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 480 480 ug/Kg | U īV SS40042AE 4-CHLOROPHENYL PHENYL ETHER 40293 0 2 IN 7005-72-3 450 450 ug/Kg / U ī 40393 SS40053AE 0 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 440 440 ug/Kg (U V 40693 SS40057AE 4-CHLOROPHENYL PHENYL ETHER 0 2IIN 7005-72-3 600 600 ug/Kg U 40793 SS40058AE 4-CHLOROPHENYL PHENYL ETHER O 7005-72-3 590 590 ug/Kg | U v 2IIN 40893 Ö S\$40004AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 400 ug/Kg | U 330 IV 40993 SS40072AE 4-CHLOROPHENYL PHENYL ETHER 0 2IIN 7005-72-3 390 390 ug/Kg | U V 41193 2 IN O SS40007AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 500 500 ug/Kg U ١v 0 2 IN SS40071AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 740 740 ug/Kg | U īV 41593 4 6UN SS40073AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 350 350 ug/Kg | U O 2IN SS40410AE 4-CHLOROPHENYL PHENYL ETHER 450 ug/Kg | U 7005-72-3 450 A1793 ٥ 2 IN SS40077AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 390 390 ug/Kg | U 41993 O 2|IN S\$40009AF 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 400 400 ug/Kg | U 42093 2 IN SS40480AF 0 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 350 350 ug/Kg | U v 42193 4 SS40012AE 4-CHLOROPHENYL PHENYL ETHER 6 IN 7005-72-3 350 350 ug/Kg | U 42293 0 2|IN SS40078AF 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 380 380 ug/Kg | U 42393 0 2 IN SS40079AE 4-CHLOROPHENYL PHENYL ETHER 360 ug/Kg | U 7005-72-3 360 42593 S\$40082AE 6:IN 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 350 350 ug/Kg | U ĪV 42693 2 IN SS40080AE 4-CHLOROPHENYL PHENYL ETHER 17005-72-3 520 520 ug/Kg | U 42993 2IIN S\$40056AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 370 370 ug/Kg | U 43193 0 SS40084AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 360 ug/Kg | U 43393 6 IN SS40087AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 350 350|ug/Kg |U V 43493 O SS40086A 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 380 380 ug/Kg | U 43693 6IN SS40089A 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 350 350 ug/Kg | U V 43793 4-CHLOROPHENYL PHENYL ETHER 0 2 IN :SS40088AE 7005-72-3 380 380|ug/Kg | U 43893 SS40010AE 4-CHLOROPHENYL PHENYL ETHER .0 2 IN 7005-72-3 400 ug/Kg U 400 V 43993 SS40091AE 4-CHLOROPHENYL PHENYL ETHER 0 2!IN 7005-72-3 380 380|ug/Kg |U 44093 0 2 IN SS40090AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 400 400 ug/Kg U 44393 0 2 IN S\$40005AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 380 380|ug/Kg |U 44893 0 2 IN SS40070AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 440 440|ug/Kg |U īV 45693 n 2 IN SS40094AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 480 480 ug/Kg | U 45793 n 2 IN SS40015AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 500 500 ug/Kg U 46193 0 2 IN SS40096AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 420 420 ug/Kg | U 46693 4 6 IN SS40141AF 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 330 360 ug/Kg | U 46793 4 6IIN SS40142AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 ug/Kg | U 330 46893 4 SS40143AF 4-CHLOROPHENYL PHENYL ETHER 6: IN 7005-72-3 330 370 ug/Kg | U 47093 4-CHLOROPHENYL PHENYL ETHER ISS40145AF 0 1 IN 7005-72-3 330 370 ug/Kg | U SS400293 0 SS40018AE 2:IN 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 460 460 ug/Kg U īv SS400393 0 SS40019AE 4-CHLOROPHENYL PHENYL ETHER 2iIN 17005-72-3 350 350 ug/Kg | U SS400593 0 SS40021AE 2IIN 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 340 340 ug/Kg U SS400693 0 2 IN SS40022AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 360 ug/Kg U SS400793 0 2IIN SS40023AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 380 380 ug/Kg U SS400893 0 SS40024AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 460 460 ug/Kg U IV SS401193 Ö SS40027AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 480 480 ug/Kg | U SS401293 0 SS40028AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 360 ug/Kg U Τv SS401393 0 2IIN SS40029AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 470 470 ug/Kg | U ĪV SS401593 0 2IN SS40031AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 430 430 ug/Kg U SS401693 2 IN SS40032AE 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 360 360 ug/Kg |U

| • | | | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | sults for Surf | face Soils - O | rganics | | | |
|----------------------|--------------|---------------------------------------|-----------|--|---|------------------------|--------------------|-------------|------------------|------------|---|
| 31,200 | 8 | · · · · · · · · · · · · · · · · · · · | N. Serv | \$\ \$\gamma\cdot\cdot\cdot\cdot\cdot\cdot\cdot\cdot | 在 各部 海 多分形 沙 珍 蒙 | 19 32 | \$ 165 | | 1. 1 | | ø 3. ž. |
| LOCATION | START | | LINIT | SAMPLE NUMBER | ANALYTE . | CAS NO. | DETECTION LIMIT | | INITE | LAB RESULT | VALIDATION QUALIFIER |
| SS401893 | 0 | | | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 380 | 380 | ug/Kg | U | V |
| SS402393 | 0 | | | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 380 | 380 | lug/Kg | U | V |
| SS402593 SS402793 | 0 | | IN | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 440 | | ug/Kg | | V |
| SS402793 SS402893 | 0 | | | SS40043AE SS40044AE | 4-CHLOROPHENYL PHENYL ETHER 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 370 350 | | ug/Kg ug/Kg | | V V |
| SS402993 | - | | | SS40045AE | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 340 | | ug/Kg | | V |
| SS403093 | 0 | | | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 700 | | ug/Kg | | V |
| SS403193 | 0 | | | SS40047AE | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 460 | | ug/Kg | | V |
| SS403293 SS403393 | 0 | | | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 440 | | lug/Kg | | V |
| SS403393 SS403493 | | | | | 4-CHLOROPHENYL PHENYL ETHER 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 7005-72-3 | 630 420 | | ug/Kg ug/Kg | | V |
| "SS403593 | 0 | | | ····· | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 390 | | ug/Kg | | ř |
| SS403693 | 0 | | IN | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 390 | | ug/Kg | | V |
| SS810893 | 0 | | | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | | ug/Kg | | V |
| SS811193 SS811493 | 0 | | | | 4-CHLOROPHENYL PHENYL ETHER 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | | ug/Kg | | V |
| P208989 | ő | | ********* | | 4-METHYL-2-PENTANONE | 108-10-1 | 330 12 | | ug/Kg ug/Kg | | V |
| 05093 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 360 | | ug/Kg | | Z |
| 05193 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 380 | 380 | ug/Kg | U | V |
| 05393 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 360 | | ug/Kg | | Z |
| 40093 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 480 | | ug/Kg | | V |
| 40393 | 0 | | | | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 106-44-5 | 450 440 | | ug/Kg | | V V |
| 40693 | 0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 4-METHYLPHENOL | 106-44-5 | 600 | | ug/Kg ug/Kg | | V |
| 40793 | 0 | ~~~~ | | | 4-METHYLPHENOL | 106-44-5 | 590 | | ug/Kg | | v |
| 40893 | 0 | | IN | SS40004AE | 4-METHYLPHENOL | 106-44-5 | 330 | | ug/Kg | | V |
| 40993 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 390 | | ug/Kg | | V |
| 41193 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 500 | | ug/Kg | | V |
| 41293 | 0 | | | | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 106-44-5 | 740 350 | | ug/Kg | | V V |
| 41693 | 0 | | · | | 4-METHYLPHENOL | 106-44-5 | 450 | ~ | ug/Kg ug/Kg | | v V |
| 41793 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 390 | | ug/Kg | | · · · · · · · · · · · · · · · · · · · |
| 41993 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 400 | | ug/Kg | | |
| 42093 | 0 | | | | 4-METHYLPHENOL | 106-44-5 | 350 | | ug/Kg | | V |
| 42193 42293 | 4 | 6 | | | 4-METHYLPHENOL | 106-44-5 | 350 | | ug/Kg | | V |
| 42393 | 0 | | ····· | | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 106-44-5 | 380 360 | | ug/Kg ug/Kg | | Λ 1 |
| 42593 | 4 | 6 | | | 4-METHYLPHENOL | 106-44-5 | 350 | | ug/Kg | | <u>v</u> |
| 42693 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 520 | 270 | ug/Kg | J i | Ā |
| 42993 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 370 | | ug/Kg | | V |
| 43193 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 360 | | ug/Kg | | |
| 43493 | 4 0 | 2 | | | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 | 350 | | ug/Kg | | V |
| 43693 | 4 | 6 | | | 4-METHYLPHENOL | 106-44-5 | 380 350 | | ug/Kg ug/Kg | | ^ 1 |
| 43793 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 380 | | ug/Kg | | v · |
| 43893 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 400 | | ug/Kg | | v |
| 43993 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 380 | | ug/Kg | | V |
| 44093 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 400 | | ug/Kg | | |
| 44893 | . 0 | 2 | | | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 106-44-5 | 380 440 | | ug/Kg | | V V |
| 45693 | Ö | 2 | | | 4-METHYLPHENOL | 106-44-5 | 480 | | ug/Kg ug/Kg | | V |
| 45793 | 0 | 2 | | | | 106-44-5 | 500 | | ug/Kg | | v. |
| 46193 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 420 | 420 | ug/Kg | U | V |
| 46693 | 4 | 6 | | | | 106-44-5 | 330 | | ug/Kg | | V |
| 46893 | 4 | 6 | | | | 106-44-5 106-44-5 | 330 330 | | ug/Kg | | <u>V</u> |
| 47093 | 0 | 1 | | | | 106-44-5 | 330 | | ug/Kg ug/Kg | | V V |
| SS400293 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 460 | | ug/Kg | | v ———————————————————————————————————— |
| SS400393 | 0 | 2 | IN | SS40019AE | 4-METHYLPHENOL | 106-44-5 | 350 | | ug/Kg | | v |
| SS400593 | 0, | 2 | | | | 106-44-5 | 340 | | ug/Kg | U | V |
| SS400693 SS400793 | 0 | 2 | | | | 106-44-5 | 360 | | ug/Kg | | V |
| SS400793 SS400893 | 0 | 2 | | | | 106-44-5 106-44-5 | 380 | | ug/Kg | | V |
| SS401193 | 0 | 2 | | | | 106-44-5 | 460 480 | | ug/Kg ug/Kg | | V V |
| SS401293 | 0 | 2 | | | | 106-44-5 | 360 | | ug/Kg | | v V |
| SS401393 | 0 | 2 | | SS40029AE | 4-METHYLPHENOL | 106-44-5 | 470 | 470 | ug/Kg | Ū | v i |
| SS404593 | 0 | 2 | | | | 106-44-5 | 430 | | ug/Kg | | v |
| SS401693 SS401893 | 0j 0j | 2 | | | | 106-44-5 | 360 | | ug/Kg | | V |
| SS401893 | 0: | 2il | | | | 106-44-5 106-44-5 | 380 380 | | ug/Kg ug/Kg | | v V |
| SS402593 | o | 2 | | | | 106-44-5 | 440 | | ug/Kg | | V |
| SS402793 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 370 | | ug/Kg | | v |
| SS402893 | 0 | 2 | | | 4-METHYLPHENOL | 106-44-5 | 350 | 350 | ug/Kg | U | V |
| SS402993 | 0 | 2:1 | | | | 106-44-5 | 340 | | ug/Kg | | v |
| SS403093 SS403193 | 0 | 2 2 | | | | 106-44-5 | 700 | | ug/Kg | | <u>v</u> |
| SS403293 | 0 | 2 | | | | 106-44-5 106-44-5 | 460 | 460 | ug/Kg ug/Kg | <u> </u> | <u>v</u> |
| SS403393 | 0 | 2 1 | | | | 106-44-5 | 630 | | ug/Kg | | v v |

284:

| LOCATION CEPTIN DEPTIN SAME PURPLES SAME | · · 、 | | | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Sur | ace Soils - Or | ganics | | | • |
|---|---|-------|-------------|----------|---|--|--------------|-----------------|--------|-------|-----------|------------|
| SAMOSPIN SAMOSPINE AMERINCH-PRINCE 106-44-5 300 3010 3010 3010 10 V V SAMOSPINE AMERINCH-PRINCE 109-44-5 300 3010 3010 3010 10 V V SAMOSPINE AMERINCH-PRINCE 109-44-5 300 3010 | CODE | START | END | | | ANALYTE | CAS NO. | DETECTION LIMIT | RESULT | UNITS | QUALIFIER | VALIDATION |
| SSEG0895 Q | | | | | | | | | | | | |
| SSS10180 | SS403693 | | | | | | | | | | | |
| SSS111405 | | | | | | | | | 340 | ug/Kg | U | |
| 1999 1 | | | | Innovene | | | | | | | | |
| 195195 0 ZIN SSCOOGAE I-NITROANUNE 100-01-6 1900 1900 uprog U V V V V V V V V V | | | | | | | | | | | | |
| 4999 0 211 \$54005062 4-NTROANLINE 100-1-6 200 200 200 200 3 1 3 5 5 5 5 5 5 5 5 5 | 05193 | | | | | | | | | | | |
| 1929 1 | 05393 | | | | | | | | 1800 | ug/Kg | U | |
| 49393 0 2 | | | | | | | | | | | | |
| 4989 0 2 | | | | | | | | | | | | |
| 49793 | | 0 | 2 | | | | | | | | | |
| 14993 0 2 N SSA007AE | | | | | | | | | 2900 | ug/Kg | U | |
| 14193 | | | | | | | | | | | | |
| 11293 | 41193 | | | | | | | | | | | |
| 41893 0 21 S.SA0010AE | 41293 | | | | | | ****** | | 3700 | ug/Kg | U | V |
| 41793 0 2 IN \$\$4007AE 4-NITEOANILINE 100-01-6 5000 1300Llg/Kg U V V 24293 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 7700 1700Llg/Kg U V V 24293 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 7700 1700Llg/Kg U V V 24293 0 2 IN \$\$40007AE 4-NITEOANILINE 100-01-6 7700 1700Llg/Kg U V V 24293 0 2 IN \$\$40007AE 4-NITEOANILINE 100-01-6 7900 7800Llg/Kg U V V 24293 0 2 IN \$\$40007AE 4-NITEOANILINE 100-01-6 7800 7800Llg/Kg U V V 24293 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 2800 2600Llg/Kg U V V 24293 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 2800 2600Llg/Kg U V V 24293 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24393 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24493 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 1800 1800Llg/Kg U V V 24493 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 2000 2000Llg/Kg U V V 24493 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 2000 2000Llg/Kg U V V 24493 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 2000 2000Llg/Kg U V V 244930 0 2 IN \$\$40080AE 4-NITEOANILINE 100-01-6 2000 2000Llg/Kg U V V | | | | | | | | | | | | |
| 41993 0 2 IN \$540090AE | | | | | | | | | | | | V |
| 42983 0 2 IN \$\$40980AE A-NITEOANLINE 100-01-6 1700 170 | 41993 | 0 | 2 | <u></u> | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | 2000 | ug/Kg | U | |
| 12293 0. 2 IN SS40078AE 4-NITROANILINE 100-01-6 1990 1900 ug/Ng U V V 25953 0. 2 IN SS40078AE 4-NITROANILINE 100-01-6 1990 1900 ug/Ng U V V 25953 0. 2 IN SS40078AE 4-NITROANILINE 100-01-6 1900 1800 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1800 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 1900 1900 ug/Ng U V V 22905 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V V 23993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 23993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2000 ug/Ng U V 24993 0. 2 IN SS40058AE 4-NITROANILINE 100-01-6 2000 2 | 42093 | | | | | 4-NITROANILINE | 100-01-6 | 1700 | 1700 | ug/Kg | U | |
| 12939 0 ZIN S\$40079AE | | | | | | | | | | | | |
| 42593 4 6 IN \$540052AE | | | | | | | | | | | | |
| 22893 0 2 IN \$S40090AE 4-NITROANILINE 100-01-6 2800 22001ug/Kg U V 42993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43930 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43483 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43483 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43483 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43483 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43483 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 43483 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 44090 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 44090 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1800 18001ug/Kg U V 44093 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2000 20001ug/Kg U V 44093 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2000 20001ug/Kg U V 44093 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 2200 22001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1600 18001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1600 18001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILINE 100-01-6 1600 18001ug/Kg U V 44993 0 2 IN \$S40096AE 4-NITROANILI | 42593 | | | | | | | | | | | |
| 43193 0 21N S\$4009A4E 4-NITROANILINE 100-01-6 1800 1800 ug/Kg U V 43493 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1800 1800 ug/Kg U V 43493 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1800 1800 ug/Kg U V 43493 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1800 1800 ug/Kg U V 43793 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1800 1800 ug/Kg U V 43793 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1900 1900 ug/Kg U V 43993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1900 2000 ug/Kg U V 43993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1900 2000 ug/Kg U V 44993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1900 2000 ug/Kg U V 44993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 1900 2000 ug/Kg U V 44993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 2000 2200 ug/Kg U V 44993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 2000 2200 ug/Kg U V 44993 0 21N S\$4009AE 4-NITROANILINE 100-01-6 2400 2200 ug/Kg U V 45983 0 21N S\$4009AE 4-NITROANILINE 100-01-6 2400 2200 ug/Kg U V 45983 0 21N S\$4009AE 4-NITROANILINE 100-01-6 2400 2200 ug/Kg U V 45983 0 21N S\$4009AE 4-NITROANILINE 100-01-6 2000 2000 ug/Kg U V 45983 4 61N S\$4014AE 4-NITROANILINE 100-01-6 2000 2000 ug/Kg U V 45983 4 61N S\$4014AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 45993 4 61N S\$4014AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 45993 4 61N S\$4014AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 45993 4 61N S\$4014AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 45993 4 61N S\$4014AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 45993 4 61N S\$4003AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 45993 4 61N S\$4003AE 4-NITROANILINE 100-01-6 1600 1800 ug/Kg U V 459 | 42693 | | | | | | | | 2600 | ug/Kg | U | |
| 43933 4 6 IN S\$40097AE | | | | | | | | | | | | V |
| 43493 0 2 in S\$40098AE 4-NITROANILINE 100-01-6 1800 | 43393 | | | | | | | | | | | V |
| 43993 0 2 IN S\$40098AE 4-NITROANILINE 100-01-6 1900 1900 1907 10 V 143993 0 2 IN S\$40091AE 4-NITROANILINE 100-01-6 1900 1900 1900 1907 10 V 143993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 1900 1900 1900 1907 10 V 143993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 1900 1900 1900 1907 10 V 144993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 1900 1900 1900 1907 10 V 144993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 1900 1900 1900 1900 1907 10 V 145993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2200 2200 1907 10 V 145993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2400 2400 2400 1907 10 V 145993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2400 2400 2400 1907 10 V 145993 0 2 IN S\$40096AE 4-NITROANILINE 100-01-6 2500 2500 2500 1907 10 V 145993 0 2 IN S\$40096AE 4-NITROANILINE 100-01-6 2500 2500 1907 10 V 145993 0 2 IN S\$40094AE 4-NITROANILINE 100-01-6 1600 1600 1900 1907 10 V 145993 0 2 IN S\$40142AE 4-NITROANILINE 100-01-6 1600 1600 1900 1907 10 V 145993 0 11N S\$40142AE 4-NITROANILINE 100-01-6 1600 1600 1900 1907 10 V 147993 0 11N S\$40143AE 4-NITROANILINE 100-01-6 1600 1600 1900 1907 10 V 147993 0 2 IN S\$400143AE 4-NITROANILINE 100-01-6 1600 1600 1900 1907 10 V 147993 0 2 IN S\$400143AE 4-NITROANILINE 100-01-6 1600 1000 1907 10 V 147993 0 2 IN S\$400143AE 4-NITROANILINE 100-01-6 1600 1000 | 43493 | 0 | 2 | | | | | | 1900 | ug/Kg | U | ***** |
| 43993 0 2 IN S\$40016AE 4-NITROANILINE 100-01-6 2000 2000 19/Rg U V V V V V V V V V | | | | | | | | | 1800 | ug/Kg | U | |
| 43993 0 2 IN S\$40091AE 4-NITROANILINE 100-01-6 1900 1900 19076 0 V V V V V V V V V | | | | | | | | | | | | |
| 44993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2000 2000 100 100 144993 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 1900 1900 100 U V 14893 0 2 IN S\$40070AE 4-NITROANILINE 100-01-6 2200 2200 100 U V 14893 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2200 2200 100 U V 14593 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2200 2200 100 U V 14593 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2200 2200 100 U V 14593 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 2200 2200 100 U V 14593 0 2 IN S\$40090AE 4-NITROANILINE 100-01-6 1200 1200 1200 100 U V 14693 4 6 IN S\$40141AE 4-NITROANILINE 100-01-6 1500 1500 1500 1500 100 U V 14693 4 6 IN S\$40142AE 4-NITROANILINE 100-01-6 1500 | 43993 | | | | | | | | | | | |
| 44893 0 2 IN SS40070AE | 44093 | | | | SS40090AE | 4-NITROANILINE | 100-01-6 | 2000 | 2000 | ug/Kg | U | - |
| 45993 0 2 IN IN 554009AE A-NITROANILINE 100-01-6 2400 2400 2400 2400 2404 | | | | | | | | | | | | |
| 45793 0 2 IN SS40016AE | | | | | | | | | | | | |
| 46193 O 2 IN \$\$40096AE | 45793 | | | | | | | | | | | |
| 48793 | 46193 | | | | | | | | 2100 | ug/Kg | U | |
| 48893 4 6 N. SS40143AE | | | | | | | | | | | | |
| 1 1 1 1 1 1 1 1 1 1 | 46893 | | | | | ************************************** | | | | | | |
| SS400333 O Z N SS40013AE | 47093 | | | | | 4-NITROANILINE | | | | | | |
| SS400593 O 2 N SS40021AE | | | | | | | | ***** | | | | |
| SS400693 O 2 IN SS40022AE | | ····· | | | | | | | | | | |
| S\$400793 O; | SS400693 | | | | | | | | | | | |
| SS40193 | S\$400793 | | | | | | | | 1900 | ug/Kg | U | V |
| SS401293 0 2 IN SS40028AE | *************************************** | | | | | | | | | | | |
| SS401393 0 2 IN SS40029AE | SS401193 | | | | | | | | | | | |
| SS401693 O 2 IN SS40032AE | SS401393 | 0 | 2 | IN | SS40029AE | 4-NITROANILINE | 100-01-6 | 2400 | 2400 | ug/Kg | U | V |
| SS401893 O 2 IN SS40034AE | SS401593 | | | | | | | | | | | |
| SS402393 O 2 IN SS40039AE | | | | | | | | | | | | |
| SS402593 O 2 IN SS40041AE 4-NITROANILINE 100-01-6 2200 2200 ug/kg U V V SS402793 O 2 IN SS40043AE 4-NITROANILINE 100-01-6 1800 1800 ug/kg U V V SS402893 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 1800 1800 ug/kg U V V SS402893 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 1700 1700 ug/kg U V V SS40393 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 1700 1700 ug/kg U V V SS40393 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 3500 3500 ug/kg U V V SS403193 O 2 IN SS40047AE 4-NITROANILINE 100-01-6 2300 2300 ug/kg U V V SS403293 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 2200 2200 ug/kg U V V SS40393 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 3100 3100 ug/kg U V V SS403493 O 2 IN SS40050AE 4-NITROANILINE 100-01-6 2100 2100 ug/kg U V SS403593 O 2 IN SS40050AE 4-NITROANILINE 100-01-6 2100 2100 ug/kg U V SS403593 O 2 IN SS40050AE 4-NITROANILINE 100-01-6 2000 2000 ug/kg U V SS403593 O 2 IN SS40052AE 4-NITROANILINE 100-01-6 1900 1900 ug/kg U V SS403593 O 2 IN SS40052AE 4-NITROANILINE 100-01-6 1600 1700 ug/kg U V SS811193 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1700 ug/kg U V SS811493 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1700 ug/kg U V SS811493 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1700 ug/kg U V SS811493 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1700 ug/kg U V SS811493 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1700 ug/kg U V SS811493 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1800 ug/kg U V SS811493 O 2 IN SS00005AE 4-NITROPHENOL 100-02-7 1800 1800 ug/kg U V V SS811493 O 2 IN SS00005AE 4-NITROPHENOL 100-02-7 1800 1800 ug/kg U V V SS8 | SS402393 | | | IN : | SS40039AE | | | | | | | |
| SS402893 O 2 IN SS40044AE | SS402593 | 0 | 2 | IN I | SS40041AE | 4-NITROANILINE | 100-01-6 | 2200 | 2200 | ug/Kg | U | V |
| SS402993 O 2 IN SS40045AE 4-NITROANILINE 100-01-6 1700 1700 19/Kg U V | | | | | | | | | | | | |
| \$\colored{\colo | SS402893 SS402993 | | | | | | | | | | | |
| SS403193 O 2 IN SS40047AE | S\$403093 | O; | | | | | | | | | | |
| SS40393 O 2 IN SS40049AE 4-NITROANILINE 100-01-6 3100 3100 19/Kg U V | SS403193 | | | | | 4-NITROANILINE | 100-01-6 | 2300 | 2300 | ug/Kg | U | V |
| SS403493 O 2 IN SS40050AE 4-NITROANILINE 100-01-6 2100 2100 190/19/Kg U V V V V V V V V V | | | | | | | | | | | | |
| SS403593 O 2 IN SS40051AE 4-NITROANILINE 100-01-6 2000 2000 190/Kg U V | SS403493 | | | | | | | | | | | |
| SSB10893 O 3 IN SSG0102JE 4-NITROANILINE 100-01-6 1600 1700 ug/Kg U V | SS403593 | . 0. | 2 | IN | SS40051AE | 4-NITROANILINE | 100-01-6 | 2000 | 2000 | ug/Kg | U | |
| SSB11193 O 3 IN SSG0105JE 4-NITROANILINE 100-01-6 1600 1700 ug/Kg U V | SS403693 | | | | | | | | | | | |
| SS811493 O 3 IN SSG0108JE 4-NITROANILINE 100-01-6 1600 1800 19/Kg U V | | | | | | | | | | | | |
| D5093 O 2 IN SS00002AE 4-NITROPHENOL 100-02-7 1800 1800 ug/Kg U Z D5193 O 2 IN SS00003AE 4-NITROPHENOL 100-02-7 1900 1900 ug/Kg U V D5393 O 2 IN SS00005AE 4-NITROPHENOL 100-02-7 1800 1800 ug/Kg U Z D5393 O 2 IN SS40060AE 4-NITROPHENOL 100-02-7 2400 2400 ug/Kg U V D5393 O 2 IN SS40060AE 4-NITROPHENOL 100-02-7 2400 2400 ug/Kg U V D5393 O 2 IN SS40060AE 4-NITROPHENOL 100-02-7 2400 2400 ug/Kg U V D5393 O D539 | SS811493 | 0 | | | | | | | | | | |
| 05393 | 05093 | | | | | 4-NITROPHENOL | 100-02-7 | 1800 | 1800 | ug/Kg | Ú į. | Z |
| 40093 O 2 IN SS40060AE 4-NITROPHENOL 100-02-7 2400 2400 ug/Kg U V | | | | | | | | | | | | |
| | 40093 | | | | | | | | | | | |
| | 40293 | | | | | | | | | | | |

| 40293 40093 40093 40093 40093 40093 40093 41193 41193 41193 41193 41193 41193 | SSA02993 SSA02993 SSA02993 SSA03993 SSA03993 SSA03393 SSA03393 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 SSA03693 | 41993 42793 | LOCATION CODE 40393 40693 40793 40793 40793 41193 41193 41193 41193 41193 41193 41193 |
|---|--|---|---|
| 000000000000000000000000000000000000000 | | 004000000000000000000000000000000000000 | DEPTH DEPTH START END 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 2 2 0 0 0 2 2 0 0 0 2 2 0 0 0 2 2 0 0 0 2 2 0 0 0 2 2 0 0 0 2 2 0 0 0 2 2 0 0 0 0 2 2 0 0 0 0 2 2 0 0 0 0 2 2 0 |
| 2 | | | |
| SS40060AE SS40060AE SS40062AE SS40063AE SS40053AE SS40057AE SS40072AE SS40077AE SS40073AE SS40073AE SS40073AE SS40073AE SS40073AE SS40073AE SS40073AE | SS40043AE SS40045AE SS40045AE SS40045AE SS40047AE SS40047AE SS40047AE SS40047AE SS40057AE SS40057AE SS60105JE SS60105JE SS60105JE SS60065AE SS60065AE SS60065AE SS60065AE | ISSA009AE ISSA0079AE ISSA0079AE ISSA0079AE ISSA0077AE ISSA006AAE ISSA006AAE ISSA006AAE ISSA006AAE ISSA006AAE ISSA006AAE ISSA0070AE | SA0077AE SSA007AE SSA007AE SSA007AE SSA007AE SSA007AE SSA007AE SSA007AE SSA007AE SSA007AE |
| ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE ACENAPHTHYLENE | 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 4-NITROPHENOL 6-NITROPHENOL 6- | 4-NITROPHENOL | ANALYTE ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL ANITROPHENOL |
| 208-96-8 208-96-8 | 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 1100-02-7 100-02-7 100-02-7 100-02-7 100-02-7 100-02-7 100-02-7 100-02-8 | 100-02-7 1100-02-7 | CAS NO. LIMIT PESS. 100-02-7 2200 2 100-02-7 2500 2 100-02-7 2500 2 100-02-7 2500 2 100-02-7 2500 2 100-02-7 2500 2 100-02-7 2500 2 100-02-7 1800 1 100-02-7 1800 2 100-02-7 1800 2 100-02-7 1800 1 100-02-7 1800 1 |
| 360 480 440 600 590 390 390 740 350 450 450 | 1800 1700 1700 2350 2350 2270 3100 2100 2000 1600 1600 1600 1600 1600 1 | 2000 1700 1800 | DETECTION LIMIT 2200 3000 2800 1600 2000 2000 2000 2500 2500 3700 1800 1800 1800 |
| 360 lug/Kg 450 lug/Kg 450 lug/Kg 450 lug/Kg 450 lug/Kg 600 lug/Kg 590 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg 390 lug/Kg | 2200 ug/Kg 1800 ug/Kg 1800 ug/Kg 1700 ug/Kg 3500 ug/Kg 2300 ug/Kg 2300 ug/Kg 2700 ug/Kg 2100 ug/Kg 3100 ug/Kg 3100 ug/Kg 1700 ug/Kg 1700 ug/Kg 1700 ug/Kg 1700 ug/Kg 1700 ug/Kg 1700 ug/Kg 1700 ug/Kg 1800 ug/Kg 1800 ug/Kg 1800 ug/Kg | 2000 Lug/Kg 1700 Lug/Kg 1700 Lug/Kg 1800 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg 1800 Lug/Kg 2000 Lug/Kg 2000 Lug/Kg | RESULT UNITS 2200.149/Kg 3000.149/Kg 2800.149/Kg 2800.149/Kg 2800.149/Kg 2800.149/Kg 2800.149/Kg 2800.149/Kg 3700.149/Kg 1800.149/Kg 1800.149/Kg |
| | | : | CABRESULTIER OLALFIER C |
| | | <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< | V V V V V V V V V V V V V V V V V V V |

| s | T. 127. | · · | 5y 1 1 13 | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - O | rganics | Orania s | |
|------------------------|----------------|-------------|-------------|--|--|----------------------|---------------|-------------------------------|-------------|----------------|
| LOCATION | DEPTH START | DEPTH | | CAMPICALIDED | ANALYTE | 212.10 | DETECTION | g · • • > | LAB, RESULT | |
| 42193 | SIARI) | | | | | 208-96-8 | 350 | RESULT UNITS 350 ug/Kg | | QUALIFIER V |
| 42293 | 0 | 2 | | | ACENAPHTHYLENE | 208-96-8 | 380 | | | J |
| 42393 | 0 | | | | ACENAPHTHYLENE | 208-96-8 | 360 | | | V |
| 42593 42693 | 4 | | | | ACENAPHTHYLENE ACENAPHTHYLENE | 208-96-8 208-96-8 | 350 520 | | | V |
| 42993 | 0 | | | | ACENAPHTHYLENE | 208-96-8 | 370 | | | J V |
| 43193 | 0 | | | | ACENAPHTHYLENE | 208-96-8 | 360 | | | |
| 43393 | 4 | | | | ACENAPHTHYLENE | 208-96-8 | 350 | | | V |
| 43493 i | 0 4 | | | | ACENAPHTHYLENE ACENAPHTHYLENE | 208-96-8 | 380 350 | | | J |
| 43793 | 0 | | | | ACENAPHTHYLENE | 208-96-8 | 380 | | | V |
| 43893 | 0 | | | SS40010AE | ACENAPHTHYLENE | 208-96-8 | 400 | | | v |
| 43993 | 0 | | | | | 208-96-8 | 380 | | | V |
| 44093 44393 | 0 | | | | | 208-96-8 | 400 380 | | | |
| 44893 | 0 | | | | ······································ | 208-96-8 | 440 | | | V V |
| 45693 | 0 | | IN | SS40094AE | | 208-96-8 | 480 | | | · · |
| 45793 | 0 | | | | | 208-96-8 | 500 | 500 ug/Kg | U | V |
| 46193 46693 | 0 4 | | | | | 208-96-8 | 420 | | | V , |
| 46793 | 4 | | | | | 208-96-8 208-96-8 | 330 330 | | | V V |
| 46893 | 4 | | | | | 208-96-8 | 330 | 360 ug/Kg 370 ug/Kg | | V |
| 47093 | 0 | | IN | SS40145AE | ACENAPHTHYLENE | 208-96-8 | 330 | 370 ug/Kg | | v · |
| SS400293 | 0 | | | | | 208-96-8 | 460 | 460 ug/Kg | U | V |
| SS400393 SS400593 | 0 | | | ************************ | | 208-96-8 208-96-8 | 350 | | | V |
| SS400593 | 0 | | | ····· | · · · · · · · · · · · · · · · · · · · | 208-96-8 | 340 360 | | | <u>v</u> V |
| SS400793 | 0 | | · | | | 208-96-8 | 380 | | | v V |
| SS400893 | 0 | | | | | 208-96-8 | 460 | | | V . |
| SS401193 SS401293 | 0 0 | | | | | 208-96-8 | 480 | 480 ug/Kg | | V |
| SS401293 | 0 | | | · · · · · · · · · · · · · · · · · · · | | 208-96-8 208-96-8 | 360 470 | 360 ug/Kg 470 ug/Kg | | v v |
| SS401593 | ō | ~~~~ | | | | 208-96-8 | 430 | 430 ug/Kg | | v V |
| SS401693 | 0 | | | | | 208-96-8 | 360 | 360 ug/Kg | | v v |
| SS401893 | 0 | | | | | 208-96-8 | 380 | 380 ug/Kg | | V . |
| SS402393 SS402593 | 0 | | | | | 208-96-8 208-96-8 | 380 | 380 ug/Kg | | V |
| SS402793 | 0 | | | | | 208-96-8 | 440 370 | 440 ug/Kg 370 ug/Kg | | v V |
| SS402893 | 0 | | | ······································ | | 208-96-8 | 350 | 350 ug/Kg | | v |
| SS402993 | 0 | | | | | 208-96-8 | 340 | 340 ug/Kg | | V |
| SS403093 SS403193 | 0 | | | | | 208-96-8 | 700 | 700 ug/Kg | | V |
| SS403193 | 0 | | | | ······································ | 208-96-8 208-96-8 | 460 440 | 460 ug/Kg 440 ug/Kg | | V V . |
| SS403393 | Ō, | | | | | 208-96-8 | 630 | 630 ug/Kg | | <u>v</u> |
| SS403493 | 0 | | | | | 208-96-8 | 420 | 420 ug/Kg | | v |
| SS403593 SS403693 | 0 | | | | | 208-96-8 | 390 | 390 ug/Kg | | V |
| SS810893 | 0 | | ~ | | | 208-96-8 208-96-8 | 390 330 | 390 ug/Kg | | V |
| SS811193 | 0 | i | | | | 208-96-8 | 330 | 340 ug/Kg 350 ug/Kg | | v v |
| SS811493 | 0 | 3 | | | | 208-96-8 | 330 | 380 ug/Kg | | |
| 05093 | 0 | | | | | 83-32-9 | 360 | 65 ug/Kg | J | Z |
| 05193 05393 | 0 | | | | | 83-32-9 | 380 | 380 ug/Kg | | <u>v</u> . |
| 10093 | 0 | | | | | 83-32-9 83-32-9 | 360, 480 | 360 ug/Kg 480 ug/Kg | | z V |
| 10293 | 0 | 2 | IN S | SS40042AE | | 83-32-9 | 450 | 450 ug/Kg | | <u>v</u> |
| 10393 | 0 | | | SS40053AE | ACENAPTHENE | 83-32-9 | 440 | 440 ug/Kg | J i | v V |
| 10693 10793 | 0 | | | | | 83-32-9 | 600 | 140 ug/Kg | j į. | A |
| 10893 | 0 | | | | | 83-32-9 83-32-9 | 590 | 170 ug/Kg | | A |
| 10993 | 0 | | | | | 83-32-9 | 330 390 | 400 ug/Kg 79 ug/Kg | | V A |
| 1193 | · 0 | | IN S | SS40007AE | i | 83-32-9 | 500 | 500 ug/Kg | | |
| 11293 | 0 | | | | ACENAPTHENE | 83-32-9 | 740 | 740 ug/Kg | J | V |
| 11593 11693 | 4; 0 | | | | | 83-32-9 | 350 | 350 ug/Kg | | |
| 1793 | 0 | | | | | 83-32-9 83-32-9 | 450 390 | 450 ug/Kg 390 ug/Kg | | V |
| 1993 | 0 | | | | | 83-32-9 | 400 | 400 ug/Kg | <u> </u> | |
| 2093 | 0 | | | SS40480AE | ACENAPTHENE | 83-32-9 | 350 | 350 ug/Kg | | <i>y</i> |
| 2193 2293 | 4 | | | | | 83-32-9 | 350 | 350 ug/Kg | J | / |
| 2393 | 0 <u> </u> | | | | | 83-32-9 | 380 | 380 ug/Kg I | | |
| 2593 | 4 | | | | | 83-32-9 83-32-9 | 360) 350; | 41 ug/Kg . 350 ug/Kg i | | |
| 2693 | 0 | 2 | IN S | S\$40080AE | | 83-32-9 | 520 | 520 ug/Kg 1 | | |
| 2993 | 0 | 2 | | SS40056AE | CENAPTHENE | 83-32-9 | 370 | 370 ug/Kg I | J 11 | |
| 3193 3393 | 0 | 2 | | | | 83-32-9 | 360 | 360 ug/Kg t | J | |
| 3493 | 0 | 6 | | | | 83-32-9 83-32-9 | 350 | 350 ug/Kg l | | |
| | 4 | | | | | 83-32-9 83-32-9 | 380 350 | 380 ug/Kg l | | |
| 3693 | | | | | | | | | | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics ANALYTE 1 · 李子二 12 2 250 Se 4 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION CAS NO. RESULT UNITS QUALIFIER START END UNIT SAMPLE NUMBER CODE **》** ∫LIMIT ⊘∙ QUALIFIER SS40010AE ACENAPTHENE 83-32-9 400 400 ug/Kg †U 43993 ö 2:IN SS40091AE ACENAPTHENE 83-32-9 380 380 ug/Kg | U 44093 0 2IIN S\$40090AE ACENAPTHENE 83-32-9 400 400 ug/Kg U 44393 0 2:IN SS40005AE ACENAPTHENE īV 83-32-9 380 380 ug/Kg | U 44893 ō 2 IN SS40070AE ACENAPTHENE 83-32-9 440 440 ug/Kg U 45693 0 2 IN SS40094AE ACENAPTHENE 83-32-9 480 61 ug/Kg J ACENAPTHENE 45793 2|IN SS40015AF 83-32-9 500 140 ug/Kg | J 46193 ō 2!IN SS40096AE ACENAPTHENE 83-32-9 420 420 ug/Kg | U 146693 4 6!IN SS40141AF ACENAPTHENE 83-32-9 330 360 ug/Kg U ACENAPTHENE 46793 4 6UN SS40142AF 83-32-9 330 360 ug/Kg | U ٧ SS40143AE ACENAPTHENE 46893 6 IN 83-32-9 330 370 ug/Kg U 47093 0 SS40145AF ACENAPTHENE 1! IN 83-32-9 330 370 ug/Kg U īv SS400293 ACENAPTHENE 2:IN SS40018AE 83-32-9 460 460 ug/Kg | U īv SS400393 SS40019AE ACENAPTHENE Ö 21IN 83-32-9 350 47 ug/Kg |J A SS400593 0 SS40021AE ACENAPTHENE 2IIN 183-32-9 340 340 ug/Kg | U IV SS400693 0 211N SS40022AE ACENAPTHENE 83-32-9 360 360 ug/Kg | U IV SS400793 ō 2 IN SS40023AE ACENAPTHENE 83-32-9 380 380 ug/Kg U IV ISS400893 ō SS40024AE ACENAPTHENE 83-32-9 460 460 ug/Kg |U V SS401193 SS40027AE ACENAPTHENE 2 IN 83-32-9 480 ÎV 480 ug/Kg | U SS401293 0 SS40028A ACENAPTHENE 83-32-9 360 360 ug/Kg | U IV SS401393 ACENAPTHENE 2:IN SS40029AE 470 470 ug/Kg U 83-32-9 īV ACENAPTHENE SS401593 ō SS40031AE 83-32-9 430 110 ug/Kg | J V SS401693 SS40032AE ACENAPTHENE Õ 2|IN 83-32-9 360 360 ug/Kg U SS401893 0 ACENAPTHENE 2 IN SS40034AE 83-32-9 380 380 ug/Kg | U ĪV 2|IN SS402393 SS40039AE ACENAPTHENE 380 380 ug/Kg U īV SS402593 0 2|IN SS40041AE ACENAPTHENE 183-32-9 440 ug/Kg U SS402793 0 2 IN SS40043AE ACENAPTHENE 83-32-9 370 99|ug/Kg |J A SS402893 0 2IIN SS40044AE ACENAPTHENE 83-32-9 350 350 ug/Kg | U SS402993 0 21IN SS40045AE ACENAPTHENE 340 V 83-32-9 340 ug/Kg U SS403093 0 2IIN SS40046AF ACENAPTHENE 83-32-9 700 700 ug/Kg U IV SS403193 O 2IIN SS40047AE ACENAPTHENE 183-32-9 460 460 ug/Kg U īV SS403293 O 211N ISS40048AF ACENAPTHENE 83-32-9 440 440 ug/Kg | U SS403393 Oi 21IN SS40049AE ACENAPTHENE 183-32-9 630 630 ug/Kg U TV SS403493 0 SS40050AF ACENAPTHENE 211N 183-32-9 420 420 ug/Kg U ١V SS403593 0 SS40051AE ACENAPTHENE 2|IN 183-32-9 390 390 ug/Kg | U V ISS403693 0 2 IN SS40052AF ACENAPTHENE 83-32-9 390 390 ug/Kg | U īv SS810893 ISSG0102JE 0 3 IN ACENAPTHENE 183-32-9 330 340 ug/Kg | U IV SS811193 3 IN 0 SSG0105JE ACENAPTHENE 83-32-9 330 40 ug/Kg J SS811493 ACENAPTHENE 0 3IIN SSG0108JE 450 ug/Kg 83-32-9 330 IV P208989 0 FT 0 SEP1789BR0002 ACETONE 167-64-1 12 6 ug/Kg J A 05193 O SS00003AE ALDRIN 309-00-2 9 9 ug/Kg | U 05393 2 IN ALDRIN SS00005AE 1309-00-2 8.7 8.7 ug/Kg | U Z 40093 SS40060AE ALDRIN 1309-00-2 11 ug/Kg | U 11: ĪV 40293 0 SS40042AE ALDRIN 309-00-2 īV 11 11 ug/Kg U 40393 0 SS40053AE ALDRIN 309-00-2 11 11 ug/Kg | U īV 40693 0 SS40057AE ALDRIN 2 IN 309-00-2 14 14 ug/Kg U IV 40793 SS40058AE 309-00-2 0 2 IN ALDRIN 14 14 ug/Kg U Ĭν 40893 0 2 IN SS40004AE ALDRIN 309-00-2 8 9.6 ug/Kg | U ĪV 40993 0 2IIN SS40072AE ALDRIN 309-00-2 9.4 9.4 ug/Kg | U IV 41193 0 2 IN SS40007AE ALDRIN 309-00-2 12 12 ug/Kg U IV 0 2 IN SS40071AE ALDRIN 309-00-2 18 18 ug/Kg U 41598 4 6 IN ISS40073AE ALDRIN 309-00-2 8.4 8.4 ug/Kg U O 2 IN SS40410AF ALDRIN 309-00-2 11 ug/Kg U 41793 0 2 IN ISS40077AF AL DRIN 309-00-2 īV 9.3 9.3 ug/Kg | U 41993 0 2:IN ISS40009AF ALDRIN 309-00-2 9.5 9.5|ug/Kg |U Õ 42093 2 IN SS40480AF ALDRIN 309-00-2 8.3 V 8.3 ug/Kg | U 42193 4 6 IN SS40012AE ALDRIN 309-00-2 8.3 8.3 ug/Kg | U 42393 O 2 IN ISS40079AF ALDRIN 309-00-2 8.6 IV 8.6 ug/Kg | U 42693 0 2 IN ISS40080AE IALDRIN 309-00-2 13 13 ug/Kg U V 42993 0 ISS40056AF IAL DRIN 2!IN 309-00-2 8.9 8.9 ug/Kg | U V 43393 4 6 IN SS40087AE ALDRIN 1309-00-2 8.4 8.4 ug/Kg | U 43693 SS40089AF 6 IN ALDRIN 309-00-2 8.4 8.4 ug/Kg | U īv 43793 2 IN SS40088AE ALDRIN 1309-00-2 9 1 9.1|ug/Kg | U IV 2 IN SS40010AE ALDRIN 1309-00-2 9.6 9.6 ug/Kg U V 43993 Ö 2 IN S\$40091AE ALDRIN 309-00-2 9.2 9.2 ug/Kg U ١V 44093 SS40090AE ALDRIN 309-00-2 9.6 9.6 ug/Kg | U iV 44393 2 IN SS40005AE ALDRIN 309-00-2 9 9|ug/Kg |U īV 44893 SS40070AE 2 IN ALDRIN 309-00-2 10 10|ug/Kg |U V 45693 0 2 IN SS40094AE ALDRIN 1309-00-2 11 11 ug/Kg | U 45793 SS40015AE ALDRIN ō 2 IN 309-00-2 12 12 ug/Kg U 46193 SS40096AE ALDRIN 309-00-2 0 2 IN 10 10 ug/Kg U V ALDRIN 46693 A 6 IN SS40141AE 309-00-2 8 8.7 ug/Kg U īV 46793 4 6IN SS40142AE ALDRIN 309-00-2 8 8.9 ug/Kg U 46893 6 IN SS40143AE ALDRIN 309-00-2 8.9 ug/Kg | U 47093 n 1IIN SS40145AE ALDRIN 309-00-2 9.1 ug/Kg | U 309-00-2 ISS400293 ٥ 2:IN SS40018AE ALDRIN 11 ug/Kg |U SS400393 0 2 IN SS40019AF ALDRIN 309-00-2 8.3 8.3 ug/Kg | U SS400593 309-00-2 2 IN SS40021AE ALDRIN 8.2 ug/Kg | U

| | ,, | | , | | Evaporation Ponds AOC - Analytical Res | | | ganics | | | |
|------------------------|---------------|-------------------------|----------------|--|--|----------------------|------------|---|--------------------|-----------|---|
| LOCATION | DERTH | DEPTH | | | | A. 300 | DETECTION | * 🌂 | C. 18. | | VALIDATION |
| CODE | START | END | UNIT | SAMPLE NUMBER | ANALYTE | CAS,NO. | | RESULT | . Ł. ⊾∷×. | QUALIFIER | |
| SS400693 | 0 | * Married Comment A. F. | | | ALDRIN | 309-00-2 | 8.7 | | 7 ug/Kg | | V |
| SS400793 | 0 | | | | ALDRIN | 309-00-2 | 9.1 | 9. | 1 ug/Kg | U | V |
| SS400893 SS401193 | 0 | | | | ALDRIN ALDRIN | 1309-00-2 | 11 | | 1 ug/Kg | | IV. |
| SS401193 SS401293 | | | | THE RESERVE OF THE PERSON OF T | ALDRIN | 309-00-2 | 12 8.7 | | 2 ug/Kg 7 ug/Kg | | V |
| SS401393 | 0 | | ····· | | ALDRIN | 309-00-2 | 11 | | 1 ug/Kg | | v |
| SS401593 | 0 | | | | ALDRIN | 309-00-2 | 10 | 10 | 0 ug/Kg | IU | V |
| SS401693 | 0 | | | | ALDRIN | 309-00-2 | 8.5 | | 5 ug/Kg | | V |
| SS401893 SS402393 | 0 | | | | ALDRIN ALDRIN | 309-00-2 | 9.2 | | 9 ug/Kg | | V |
| SS402593 | | | Lane vous and | | ALDRIN | 309-00-2 | 11 | 1. | 2 ug/Kg 1 ug/Kg | 10 | V |
| SS402793 | 0 | 2 | | | ALDRIN | 309-00-2 | 8.8 | | Blug/Kg | | V |
| SS402893 | 0 | | | | ALDRIN | 309-00-2 | 8.5 | 8.8 | 5 ug/Kg | | V |
| SS402993 SS403093 | 0 | | | | ALDRIN | 309-00-2 | 8.2 | | 2 ug/Kg | | V |
| SS403093 SS403193 | 0 | | | | ALDRIN ALDRIN | 309-00-2 | 17 | *************************************** | 7 ug/Kg | | V V |
| SS403293 | ŏ | | | | ALDRIN | 309-00-2 | 11 | | l ug/Kg l ug/Kg | | V |
| SS403393 | 0 | | | | ALDRIN | 309-00-2 | 15 | | ug/Kg | | V |
| SS403493 | 0 | | | | ALDRIN | 309-00-2 | 10 | 10 | ug/Kg | U | V |
| SS403593 | 0 | | | | ALDRIN | 309-00-2 | 9.4 | | ug/Kg | | V |
| SS493693 SS606292 | 0 | | | | ALDRIN ALDRIN | 309-00-2 | 9.4 | | ug/Kg | | V |
| SS620292 | 0 | | brown warness. | | ALDRIN | 309-00-2 | 8 | | ug/Kg Jug/Kg | | V V |
| 05193 | ō | | | | ALPHA-BHC | 319-84-6 | 9 | | Jug/Kg Jug/Kg | | V |
| 05393 | 0 | 2 | IN | SS00005AE | ALPHA-BHC | 319-84-6 | 8.7 | | /jug/Kg | | Ž |
| 40093 | 0 | | | | ALPHA-BHC | 319-84-6 | 11 | 11 | l ug/Kg | U | V |
| 40293 | 0 | | | | ALPHA-BHC | 319-84-6 | 11 | | l ug/Kg | | V |
| 40393 40693 | 0 | | | | ALPHA-BHC | 319-84-6 | 11 | | ug/Kg | | V |
| 40793 | 0 | | | | ALPHA-BHC ALPHA-BHC | 319-84-6 319-84-6 | 14 | | ug/Kg ug/Kg | | <u>v</u> v |
| 40893 | 0 | | | | | 319-84-6 | 8 | | ug/Kg | | <u>v</u> |
| 40993 | 0 | | | | ALPHA-BHC | 319-84-6 | 9.4 | | ug/Kg | | · |
| 41193 | 0 | | | | | 319-84-6 | 12 | | ug/Kg | U | V |
| 41293 41593 | 0 | | | | | 319-84-6 | 18 | | ug/Kg | | V |
| 41693 | 0 | | | | ALPHA-BHC ALPHA-BHC | 319-84-6 319-84-6 | 8.4 | | lug/Kg | | <u>V</u> |
| 41793 | 0 | | | | | 319-84-6 | 9.3 | | lug/Kg lug/Kg | | <u>v</u> v |
| 41993 | 0 | | | | ALPHA-BHC | 319-84-6 | 9.5 | | ug/Kg | | v |
| 42093 | 0 | | | | | 319-84-6 | 8.3 | | ug/Kg | | v |
| 42193 | 4 | | | | | 319-84-6 | 8.3 | | ug/Kg | | J |
| 42393 42693 | 0 | | | | | 319-84-6 | 8.6 | | ug/Kg | | V |
| 42993 | . 0 | | | | | 319-84-6 319-84-6 | 13 8.9 | | ug/Kg | | V |
| 43393 | 4 | | | | | 319-84-6 | 8.4 | | ug/Kg ug/Kg | | v v |
| 43693 | 4 | | | | | 319-84-6 | 8.4 | | ug/Kg | | ř – |
| 43793 | 0 | | | | | 319-84-6 | 9.1 | | ug/Kg | | v i |
| 43893 43993 | 0 | | | | | 319-84-6 | 9.6 | | ug/Kg | | V |
| 44093 | 0 | | | ······ | ······································ | 319-84-6 319-84-6 | 9.2 | | ug/Kg | | V |
| 44393 | 0 | | | | | 319-84-6 | 9.6 | | ug/Kg ug/Kg | | v v |
| 44893 | 0 | | | | | 319-84-6 | 10 | | ug/Kg | | Ÿ |
| 45693 | 0 | | | | ALPHA-BHC | 319-84-6 | 11 | | ug/Kg | | v i |
| 15793 | 0 | | | | | 319-84-6 | 12 | 12 | ug/Kg | U | V |
| 46193 46693 | 0 4 | | | | | 319-84-6 319-84-6 | 10 | | ug/Kg | | V |
| 16793 | 4 | | | · · | | 319-84-6 | 8 8 | | ug/Kg ug/Kg | | v v |
| 46893 | 4 | | | | | 319-84-6 | 8 | | ug/Kg | | v |
| 17093 | 0 | | | SS40145AE | ALPHA-BHC | 319-84-6 | 8 | | ug/Kg | | v. |
| SS400293 | 0 | 2 | | | | 319-84-6 | 11 | 11 | ug/Kg | Ü | V |
| SS400393 SS400593 | 0 | | | | | 319-84-6 | 8.3 | 8.3 | ug/Kg | U | V |
| SS400593 | 0 | 2 | | | | 319-84-6 319-84-6 | 8.2 | | ug/Kg | <u>'</u> | v , |
| S\$400793 | 0 | 2 | | | | 319-84-6 | 8.7 9.1 | | ug/Kg ug/Kg | <u> </u> | <u> </u> |
| S400893 | 0 | | | | | 319-84-6 | 11 | | ug/Kg | | <u>, </u> |
| S401193 | 0 | 2 | | | ALPHA-BHC | 319-84-6 | 12 | | ug/Kg | | Ž |
| SS401293 | 0 | 2 | | | | 319-84-6 | 8.7 | 8.7 | ид/Кд | Ü | V |
| SS401393 SS401593 | 0 | 2 | | | | 319-84-6 | 11 | | ug/Kg | | V |
| S401693 | 0 | 2 | | | | 319-84-6 319-84-6 | · 10 | | ug/Kg ug/Kg | | <u>/</u> |
| S401893 | O | 2 | | | | 319-84-6 | 9 | | ug/Kg ug/Kg | | V |
| SS402393 | 0 | 2 | IN S | SS40039AE | ALPHA-BHC | 319-84-6 | 9.2 | | ug/Kg | | } |
| S402593 | 0 | 2 | | | ALPHA-BHC | 319-84-6 | 11 | 11 | ug/Kg | י ט | , |
| S402793 | 0 | 2 | | | | 319-84-6 | 8.8 | | ид/Кд | | / |
| SS402893 SS402993 | 0 | 2 | | | | 319-84-6 | 8.5 | | ug/Kg | | |
| S\$403093 | 0 | 2 | | | ······································ | 319-84-6 319-84-6 | 8.2 | | ug/Kg ug/Kg | | / |
| S403193 | 0 | 2 | | | | 319-84-6 | 11 | | ug/Kg ug/Kg | | |
| 10400100 | | | | S\$40048AE | | | | | | - " | |

| | | • | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | sults for Surf | ace Soils · Or | ganics | | | |
|----------------------|---------|--------------|-------------|-------------------|--|-------------------------|--------------------|--|----------------|------------|---------------|
| | ا سے نگ | | | 1. | | | | 000 | 13 | · Š | 1.4 |
| LOCATION | START | DEPTH | UNIT | SAMPLE NUMBER | ANALYTE ALDIA SHC | CAS NO. | DETECTION LIMIT | | UNITS | LAB RESULT | |
| SS403393 | 0, | 2 | | SS40049AE | ALPHA-BHC | 319-84-6 | 15 | | ug/Kg | | V |
| SS403493 | 0 | 2 | | | ALPHA-BHC | 319-84-6 | 10 | | ug/Kg | | V |
| SS403593 SS403693 | 0 | 2 2 | | ····· | ALPHA-BHC ALPHA-BHC | 319-84-6 319-84-6 | 9.4 9.4 | | ug/Kg | | IV IV |
| SS606292 | 0 | 2 | | | ALPHA-BHC | 319-84-6 | 8.4 | | ug/Kg ug/Kg | | V |
| SS620292 | 0 | 2 | | | ALPHA-BHC | 319-84-6 | 8 | | ug/Kg | | v |
| 05193 | 0 | 2 | | | ALPHA-CHLORDANE | 5103-71-9 | 90 | 90 | ug/Kg | U | V |
| 05393 | 0 | 2 | | | ALPHA-CHLORDANE | 15103-71-9 | 87 | - | ug/Kg | | Z |
| 40093 | 0 | 2 | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 110 110 | | ug/Kg ug/Kg | | V. |
| 40393 | 0 | 2 | | | ALPHA-CHLORDANE | 5103-71-9 | 110 | | ug/Kg | 1 - | V |
| 40693 | 0 | 2 | | | ALPHA-CHLORDANE | 5103-71-9 | 140 | ~~~ | ug/Kg | | V |
| 40793 | 0 | 2 | | | ALPHA-CHLORDANE | 5103-71-9 | 140 | | ug/Kg | | V |
| 40893 | 0 | · 2 1 | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 | 80 94 | | ug/Kg | | V |
| 41193 | 0 | 2 | | | ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 120 | | ug/Kg ug/Kg | | V |
| 41293 | 0 | 2 | | | ALPHA-CHLORDANE | 5103-71-9 | 180 | ~ ************************************ | ug/Kg | | v - |
| 41593 | 4 | 6 1 | | | ALPHA-CHLORDANE | 5103-71-9 | 84 | 84 | ug/Kg | iU | V |
| 41693 | 0 | 2 | | | | 5103-71-9 | 110 | | ug/Kg | | V |
| 41793 | 0 | 2 | | | | 5103-71-9 5103-71-9 | 93 95 | | ug/Kg | | V |
| 42093 | 0 | 2 1 | | | ALPHA-CHLORDANE | 5103-71-9 | 95 83 | | ug/Kg ug/Kg | | V |
| 42193 | 4 | 6 | | | ALPHA-CHLORDANE | 5103-71-9 | 83 | | ug/Kg | | j |
| 42393 | 0 | 2 1 | | S\$40079AE | ALPHA-CHLORDANE | 5103-71-9 | 86 | 86 | ug/Kg | U | V |
| 42693 | 0 | 2 1 | | | ALPHA-CHLORDANE | 5103-71-9 | 130 | | ug/Kg | | V |
| 42993 43393 | 0 | 2 I 6 I | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 89 84 | | ug/Kg ug/Kg | | V |
| 43693 | 4 | 6 1 | | | | 15103-71-9 | 84 | | ug/Kg ug/Kg | | V |
| 43793 | 0 | 2 1 | | | ALPHA-CHLORDANE | 5103-71-9 | 91 | | ug/Kg | | v · |
| 43893 | 0 | 2 1 | | | | 5103-71-9 | 96 | 96 | ug/Kg | U | V |
| 43993 | 0 | 21 | | | | 5103-71-9 | 92 | 92 | ug/Kg | U | V |
| 44093 44393 | 0 | 2 I 2 I | | | | 5103-71-9 | 96 | | ug/Kg | | V |
| 44893 | 0 | 2 | | | | 5103-71-9 5103-71-9 | 90 | | ug/Kg ug/Kg | | V V |
| 45693 | Ö | 2 1 | | · | | 5103-71-9 | 110 | | ug/Kg ug/Kg | | V |
| 45793 | 0 | 2 1 | | | | 5103-71-9 | 120 | | ug/Kg | | v |
| 46193 | 0 | 2 | | | | 5103-71-9 | 100. | 100 | ug/Kg | U | V |
| 46693 46793 | . 4 | 6 1 | | | | 5103-71-9 | 80 | | ug/Kg | | V |
| 46893 | 4 | 6 1 6 1 | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 80: 80: | | ug/Kg | | V |
| 47093 | 0 | 11 | | | | 5103-71-9 | 80 | | ug/Kg ug/Kg | | V |
| SS400293 | O | 2 1 | | | | 5103-71-9 | 110 | | ug/Kg | | v |
| SS400393 | 0 | 2 1 | | | | 5103-71-9 | 83 | | ug/Kg | U | V |
| SS400593 | 0 | 2 1 | | | | 5103-71-9 | 82 | | ug/Kg | | V |
| SS400693 SS400793 | 0 | 2 I 2 I | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 87 91 | | ug/Kg | | V V |
| SS400893 | 0 | 2 1 | | | | 5103-71-9 | 110 | | ug/Kg ug/Kg | | V |
| SS401193 | 0 | 2 1 | | | | 5103-71-9 | 120 | | ug/Kg | | v v |
| SS401293 | 0 | 2 1 | | | | 5103-71-9 | 87 | 87 | ug/Kg | U | V |
| SS401393 | 0 | 2 1 | | | | 5103-71-9 | 110 | | ug/Kg | | V |
| SS401593 SS401693 | 0 | 2 I 2 I | | | | 5103-71-9 5103-71-9 | 100 85 | | ug/Kg ug/Kg | | V V |
| SS401893 | 0 | 21 | | | | 5103-71-9 | 90 | | ug/Kg ua/Ka | | V |
| SS402393 | 0 | 2 1 | N . | SS40039AE | ALPHA-CHLORDANE | 5103-71-9 | 92 | | ug/Kg | | v |
| SS402593 | 0 | 2 | | | | 5103-71-9 | 110 | 110 | ug/Kg | U | V |
| SS402793 SS402893 | 0 | 2 1 | | | | 5103-71-9 | 88 | | ug/Kg | | V |
| SS402993 | 0 | 2 1 | | | | 5103-71-9 5103-71-9 | 85 82 | | ug/Kg ug/Kg | | <u>v</u> V |
| SS403093 | 0 | 21 | | | | 5103-71-9 | 170 | 170 | ua/Ka | U | <u>v</u> |
| SS403193 | 0 | 2.1 | N | SS40047AE | ALPHA-CHLORDANE | 5103-71-9 | 110 | 110 | ug/Kg | Ū | v |
| SS403293 | 0 | 2 1 | | | ALPHA-CHLORDANE | 5103-71-9 | 110 | 110 | ug/Kg | U | V |
| SS403393 SS403493 | 0 | 2:1 | | | | 5103-71-9 | 150 | | ug/Kg | | V . |
| SS403493 SS403593 | 0 | 21 | | | | 5103-71-9 5103-71-9 | 100 94 | | ug/Kg ug/Kg | | V V |
| SS403693 | o | 21 | | | | 5103-71-9 | 94 | | ug/Kg ug/Kg | | v V |
| SS606292 | 0, | 21 | N : | SS60062WC | ALPHA-CHLORDANE | 5103-71-9 | 80 | | ug/Kg | | · |
| SS620292 | 0 | 2 | | | | 5103-71-9 | 80 | 100 | ug/Kg | Ū | V |
| 05093 | 0 | 2 1 | | | | 120-12-7 | 360 | | ug/Kg | | Z |
| 05393 | 0; 0 | 2 II 2 II | | | | 120-12-7 120-12-7 | 380 360 | | ug/Kg ug/Kg | | V Z |
| 40093 | 0 | 21 | | | | 120-12-7 | 480 | | ug/Kg ug/Kg | | <u> </u> |
| 40293 | 0 | 2 1 | N : | SS40042AE | ANTHRACENE | 120-12-7 | 450 | 450 | ug/Kg | ū i | v |
| 40393 | 0 | 2 1 | | | | 120-12-7 | 440 | 440 | ıg/Kg | U | V |
| 40693 | 0 | 2 11 | | | | 120-12-7 | 600 | | ug/Kg | | Α |
| 40793 | 0 | 2 II 2 II | | | | 120-12-7 120-12-7 | 590 330 | | ug/Kg | | <u>A</u> |
| 40893 | | 4 11 | | | ······· | | 330 | 400 | ug/Kg | i i | V |
| 40893 40993 . | O | 2 1 | N I | SS40072AE | ANTHRACENE | 120-12-7 | 390 | 120 | Jg/Kg | J | A |



Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 100 400 LOCATION DEPTH VALIDATION DEPTH DETECTION LAB RESULT END UNIT SAMPLE NUMBER CODE START ANALYTE CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER ANTHRACENE SS40071AE 120-12-7 740 740 ug/Kg U 41593 61IN SS40073AE ANTHRACENE 120-12-7 350 350 ug/Kg U 41693 0 SS40410AE ANTHRACENE 1120-12-7 450 ug/Kg U 41793 0 2 IN SS40077AE ANTHRACENE 1120-12-7 390 390 ug/Kg | U 41993 O. 2 IN SS40009AE ANTHRACENE 400 120-12-7 400 ug/Kg U 42093 0 2 IN SS40480AE ANTHRACENE V 120-12-7 350 350 ug/Kg | U 42193 4 6 IN SS40012AE ANTHRACENE 120-12-7 350 350 ug/Kg | U ĪV 42293 0 2 IN SS40078AE ANTHRACENE 120-12-7 380 380|ug/Kg | U 42393 0 211N SS40079AE ANTHRACENE 120-12-7 360 68 ug/Kg ¡J 42593 4 6IIN ISS40082AF ANTHRACENE 120-12-7 350 350 ug/Kg | U V 520 ug/Kg | U 42693 0 2/IN SS40080AF ANTHRACENE 120-12-7 520 ISS40056AF 42993 0 2 IN ANTHRACENE 120-12-7 370 370 ug/Kg | U V 43193 0 2 IN SS40084AE ANTHRACENE 120-12-7 360 360|ug/Kg | U 43393 4 6IN SS40087AE ANTHRACENE 120-12-7 350 350 ug/Kg | U ĪV 43493 O 2 IN SS40086AE ANTHRACENE 1120-12-7 380 380 ug/Kg | U J 43693 4 6!IN SS40089AE ANTHRACENE 120-12-7 350 350 ug/Kg | U V 43793 o 2 IN SS40088AE ANTHRACENE 120-12-7 380 380 ug/Kg | U V ANTHRACENE 43893 SS40010AE 0 2 IN 120-12-7 400 400 ug/Kg U IV 43993 2|IN SS40091AE ANTHRACENE 1120-12-7 380 380 ug/Kg | U V 44093 0 SS40090AE ANTHRACENE 2IN 120-12-7 400 400 ug/Kg | U 2 IN 44393 0 SS40005AE ANTHRACENE 120-12-7 380 380 ug/Kg | U īV 44893 SS40070AE ANTHRACENE 120-12-7 440 440 ug/Kg |U IV 45693 0 SS40094A ANTHRACENE 480 91 ug/Kg J 120-12-7 IA 45793 SS40015AE 0 2iIN ANTHRACENE 120-12-7 500 200 ug/Kg |J A 46193 SS40096AE ANTHRACENE 0 2 IN 120-12-7 420 420 ug/Kg | U IV 46693 6 IN SS40141AE ANTHRACENE 330 360 ug/Kg U 46793 4 6 IN SS40142AE ANTHRACENE 330 ĪV 360 ug/Kg | U 46893 6 IN SS40143AE ANTHRACENE 370 ug/Kg U 4 120-12-7 330 47093 O 1IIN SS40145AE ANTHRACENE 120-12-7 330 370 ug/Kg | U SS400293 0 2 IN SS40018AE ANTHRACENE 120-12-7 460 460 ug/Kg U SS400393 O 2 IN SS40019AE ANTHRACENE 120-12-7 350 51 ug/Kg J A SS400593 0 2 IN SS40021AE ANTHRACENE 120-12-7 340 340 ug/Kg | U 2|IN SS400693 0 SS40022AF ANTHRACENE 120-12-7 360 360 ug/Kg U SS400793 O 2|IN SS40023AF ANTHRACENE 120-12-7 380 52 ug/Kg |J SS400893 0 2IIN SS40024AF ANTHRACENE 120-12-7 460 460 ug/Kg | U īv SS401193 0 2 IN SS40027AF IANTHRACENE 120-12-7 480 480 ug/Kg U SS401293 0 21IN ISS40028AE ANTHRACENE 120-12-7 360 360 ug/Kg | U IV SS401393 0 2 IN SS40029AF ANTHRACENE 120-12-7 470 470|ug/Kg |U N SS401593 SS40031AE ANTHRACENE 0 2IIN 120-12-7 430 140 ug/Kg J A SS401693 0 2IN SS40032AE ANTHRACENE 1120-12-7 360 360 ug/Kg | U V SS401893 0 2!IN SS40034AE ANTHRACENE 120-12-7 380 380 ug/Kg | U TV SS402393 0 2 IN SS40039AE ANTHRACENE 120-12-7 380 44 ug/Kg | J ! A SS402593 SS40041AE ANTHRACENE 0 2IIN 120-12-7 440 440|ug/Kg | U IV SS402793 0 2 IN SS40043AE ANTHRACENE 370 120-12-7 140 ug/Kg IJ ١Ã SS402893 2IN SS40044AE ANTHRACENE 120-12-7 350 350 ug/Kg | U V SS402993 0 2 IN SS40045AE ANTHRACENE 120-12-7 340 340 ug/Kg | U V SS40046AE \$9403093 2 IN ANTHRACENE 120-12-7 700 700 ug/Kg | U V 2 IN SS40047AE SS403193 'n ANTHRACENE 1120-12-7 460 460 ug/Kg U SS403293 SS40048AE ANTHRACENE 120-12-7 440 440|ug/Kg |U V Ö SS40049AE ANTHRACENE S5403393 2 IN 120-12-7 630 630|ug/Kg | U SS403493 ō 2 IN SS40050AE ANTHRACENE 120-12-7 420 ug/Kg | U 420 I۷ SS403593 0 2IIN SS40051AE ANTHRACENE 1120-12-7 390 390 ug/Kg !U īv SS403693 2 IN SS40052AE ANTHRACENE 0 120-12-7 390 ug/Kg | U 390 SS810893 0 SSG0102JE **ANTHRACENE** 3|IN 330 340 ug/Kg | U īV SS811193 0 3 IN SSG0105JE ANTHRACENE 120-12-7 330 100 ug/Kg J Α SS811493 0 3IIN SSG0108JE ANTHRACENE 570 ug/Kg | 120-12-7 05193 0 2IIN SS00003AE AROCLOR-1016 12674-11-2 90 ug/Kg |U 2|IN 05393 0 SS00005AF AROCLOR-1016 12674-11-2 87 87 ug/Kg U 40093 0 2 IN SS40060AE AROCLOR-1016 12674-11-2 110 110 ug/Kg | U 40293 0 2 IN SS40042AE AROCLOR-1016 12674-11-2 110 110 ug/Kg | U v 40393 0 2IIN :SS40053AF AROCLOR-1016 12674-11-2 110 110 ug/Kg | U 40693 0 2 IN SS40057AF AROCLOR-1016 12674-11-2 140 V 140 ug/Kg U 40793 0 2 IN SS40058AF AROCLOR-1016 12674-11-2 140 140 ug/Kg U 40893 C 21IN SS40004AF AROCLOR-1016 12674-11-2 80 96 ug/Kg U 40993 SS40072AF 0 2 IN AROCLOR-1016 12674-11-2 94 94 ug/Kg U 41193 0 2IIN SS40007AE AROCLOR-1016 12674-11-2 120 120 ug/Kg | U IV 41293 SS40071AE 0 2IIN AROCLOR-1016 12674-11-2 180 180 ug/Kg | U 41593 6IN SS40073AE AROCLOR-1016 112674-11-2 84 84 ug/Kg U īV 41693 0 2 IN SS40410AE AROCLOR-1016 12674-11-2 110 110 ug/Kg U IV 41793 41993 SS40077AE AROCLOR-1016 0 2 IN 112674-11-2 93 93 ug/Kg | U īV SS40009AE Q AROCLOR-1016 12674-11-2 95 95 ug/Kg | U 42093 SS40480AE Ö AROCLOR-1016 12674-11-2 83 83 ug/Kg | U ĺΫ 42193 SS40012AE AROCLOR-1016 6 IN 12674-11-2 83 83 ug/Kg U IJ 42393 0 SS40079AE AROCLOR-1016 2IIN 12674-11-2 86 86 ug/Kg | U 42693 42993 0 2IIN SS40080AE AROCLOR-1016 12674-11-2 130 130 ug/Kg U 0 2|IN SS40056AE AROCLOR-1016 12674-11-2 89 89 ug/Kg U 43393 6 IN SS40087AE AROCLOR-1016 4 12674-11-2 84 ug/Kg U 43693 SS40089AE AROCLOR-1016 84 ug/Kg U 6 IN 12674-11-2 84



Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 医多量体 F. St. Little A. St. St. tion (gradie 19 VALIDATION LOCATION DEPTH DEPTH DETECTION LAB RESULT CODE START END UNIT SAMPLE NUMBER ANALYTE CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER 43793 SS40088AE AROCLOR-1016 12674-11-2 91 ug/Kg | U 43893 2 IN SS40010AE AROCLOR-1016 12674-11-2 96 ug/Kg U AROCLOR-1016 43993 C 2 IN SS40091AE 12674-11-2 92 92 ug/Kg | U 44093 0, 2 IN SS40090AE AROCLOR-1016 12674-11-2 96 96 ug/Kg U 44303 ō 21IN SS40005AE AROCLOR-1016 12674-11-2 90 90 ug/Kg | U 44893 O 211N SS40070AE AROCLOR-1016 12674-11-2 100 100 ug/Kg U 45693 ō 2 IN SS40094AF AROCLOR-1016 12674-11-2 110 110 ug/Kg U 45793 12674-11-2 0 2 IN SS40015AF AROCLOR-1016 120 120 ug/Kg | U AROCLOR-1016 46193 0 2IIN ISS40096AE 12674-11-2 100 100 ug/Kg U 46693 ISS40141AF AROCLOR-1016 6IIN 12674-11-2 80 87 ug/Kg | U V 46793 SS40142AE 12674-11-2 6 IN AROCLOR-1016 80 89 ug/Kg | U V 46893 SS40143AE AROCLOR-1016 6 IN 112674-11-2 80 89 ug/Kg ¡U V 47093 0 AROCLOR-1016 SS40145AE 1!IN 12674-11-2 80 91iug/Kg | U V PCB-31-1 AROCLOR-1016 3||N SS00312S7 12674-11-2 64 ug/Kg | U v PCB-31-1 3 IN SS00312S7 AROCLOR-1016 12674-11-2 64 64 ug/Kg : U PCB-31-2 3 IN SS00313S7 AROCLOR-1016 12674-11-2 64 ug/Kg U v PCB-31-2 SS00313S7 AROCLOR-1016 12674-11-2 64 64 ug/Kg U PCB-31-3 0 ISS00314S AROCLOR-1016 12674-11-2 64 ug/Kg U J PCB-31-3 AROCLOR-1016 31IN SS00314S1 12674-11-2 64 64 ug/Kg U PCB-31-4 SS00315S1 AROCLOR-1016 12674-11-2 64 ug/Kg | U J PCB-31-4 0 SS00315S7 AROCLOR-1016 12674-11-2 3|!N 64 64 ug/Kg U PCB-31-5 0 12674-11-2 SS00316S AROCLOR-1016 64 ug/Kg U V PCB-31-5 0 SS00316ST AROCLOR-1016 3 IN 64 ug/Kg U SS400293 ō 2|IN SS40018AE AROCLOR-1016 12674-11-2 110 110:ug/Kg U SS400393 0 2 IN SS40019AE AROCLOR-1016 12674-11-2 83 83 ug/Kg U SS400593 ō 211N SS40021AE AROCLOR-1016 12674-11-2 82 82 ug/Kg U SS400693 n 2 IN SS40022AE AROCLOR-1016 12674-11-2 87 87 ug/Kg | U SS400793 0 2 IN SS40023AE AROCLOR-1016 12674-11-2 91 91 ug/Kg | U SS400893 0 2 IN SS40024AF AROCLOR-1016 12674-11-2 110 110 ug/Kg U V SS401193 0 2IIN ISS40027AF AROCLOR-1016 12674-11-2 120 120 ug/Kg U SS401293 AROCLOR-1016 0 2IIN SS40028AE 12674-11-2 87 87 ug/Kg U īv SS401393 SS40029AF 0 2 IN AROCLOR-1016 12674-11-2 110 110 ug/Kg U IV SS401593 0 2 IN SS40031AE AROCLOR-1016 12674-11-2 100 100 ug/Kg U īV SS401693 0 SS40032AF AROCLOR-1016 2 IN 12674-11-2 85 85 ug/Kg U SS401893 0 SS40034AE 2!IN AROCLOR-1016 12674-11-2 90 90 ug/Kg | U IV SS402393 0 SS40039AF 2IIN AROCLOR-1016 12674-11-2 92 92 ug/Kg | U īv SS402593 0 2IIN ISS40041AE AROCLOR-1016 12674-11-2 110 110 ug/Kg | U IV SS402793 0 SS40043AF 2 IN AROCLOR-1016 12674-11-2 88 88 ug/Kg | U īV SS402893 SS40044AE 0 2 IN AROCLOR-1016 12674-11-2 85 85|ug/Kg |U IV SS402993 0 2 IN SS40045AE AROCLOR-1016 12674-11-2 82 82 ug/Kg U īν SS403093 SS40046AF AROCLOR-1016 170 12674-11-2 170 ug/Kg | U V SS403193 0 SS40047AE AROCLOR-1016 12674-11-2 110 110 ug/Kg | U IV SS403293 ISS40048AE AROCLOR-1016 12674-11-2 110 110 ug/Kg | U īV SS403393 Õ 2 IN SS40049AE AROCLOR-1016 12674-11-2 150 150 ug/Kg U SS403493 O SS40050AE 2 IN AROCLOR-1016 12674-11-2 100 100 ug/Kg |U ĪV SS403593 0 21IN SS40051AE AROCLOR-1016 12674-11-2 94 94 ug/Kg U iV SS403693 0 2 IN SS40052AE AROCLOR-1016 94 94 ug/Kg | U SS606292 0 2 IN SS60062WC AROCLOR-1016 80 12674-11-2 90|ug/Kg |U SS620292 0 2 IN SS60202WC AROCLOR-1016 12674-11-2 80 100 ug/Kg U AROCLOR-1221 05193 Ô 2 IN SS00003AF 11104-28-2 90 ug/Kg U V 05393 0 2 IN SS00005AE AROCLOR-1221 11104-28-2 87 87 ug/Kg | U 40093 0 2/IN SS40060AF AROCLOR-1221 11104-28-2 110 110 ug/Kg U 40293 O 2 IN SS40042AE AROCLOR-1221 11104-28-2 110 110 ug/Kg U 140393 0 2 IN ISS40053AF AROCLOR-1221 111104-28-2 110 110 ug/Kg U 40693 n 21IN SS400574F AROCLOR-1221 11104-28-2 140 140 ug/Kg | U 40793 0 2 IN SS40058AF AROCLOR-1221 11104-28-2 140 140 ug/Kg | U 40893 0 2 IN ISS40004AE AROCLOR-1221 111104-28-2 80 96iug/Kg | U 40993 SS40072AF AROCLOR-1221 ٥ 2: IN 11104-28-2 94 94 ug/Kg U 0 41193 11104-28-2 SS40007AE AROCLOR-1221 2 IN 120 120 ug/Kg | U 41293 SS40071AE AROCLOR-1221 11104-28-2 O 2 IN 180 180 ug/Kg | U īV 4 6IIN SS40073AE AROCLOR-1221 11104-28-2 84 84 ug/Kg | U 41693 0 2IIN SS40410AE AROCLOR-1221 11104-28-2 110 110 ug/Kg U īv 41793 Ö 2 IN AROCLOR-1221 SS40077AE 11104-28-2 93 93 ug/Kg U IV 41993 0, 2|IN SS40009AE AROCLOR-1221 11104-28-2 95 95 ug/Kg | U IV 42093 0 SS40480AE AROCLOR-1221 11104-28-2 83 83 ug/Kg | U V 42193 4 SS40012AE AROCLOR-1221 11104-28-2 83 83 ug/Kg | U J 42393 Oi 2IIN SS40079AE AROCLOR-1221 111104-28-2 86 86 ug/Kg | U 42693 O SS40080AE AROCLOR-1221 11104-28-2 130 130 ug/Kg | U IV 42993 0 2IIN SS40056AE AROCLOR-1221 11104-28-2 89 IV 89|ug/Kg |U 43393 4 SS40087AE AROCLOR-1221 11104-28-2 84 84 ug/Kg | U iV 43693 6 IN SS40089AE AROCLOR-1221 11104-28-2 84 84 ug/Kg U ĪV 43793 0 2IIN S\$40088AE AROCLOR-1221 111104-28-2 91 91|ug/Kg |U 2 IN 43893 0 SS40010AE AROCLOR-1221 11104-28-2 96 96 ug/Kg | U V 43993 0 2IIN SS40091AE AROCLOR-1221 11104-28-2 92 92 ug/Kg |U 44093 0 2IIN SS40090AE AROCLOR-1221 11104-28-2 96 96|ug/Kg |U 44393 0 2iIN SS40005AF AROCLOR-1221 11104-28-2 90 90 ug/Kg U 44893 0 2 IN SS40070AF AROCLOR-1221 11104-28-2 100 V 100 ug/Kg U 45693 SS40094AE AROCLOR-1221 0 2! IN 11104-28-2 110 110 ug/Kg U

292

:

| | LAB RESÚLT | | 11 | DETECTION | | | | | HT430 | | NOITADO |
|----------------|---|--------------------|--------|---|--------------------------|------------------------------|--|------------|------------|---------------|------------------|
| QUALIFIEI V | | UNITS UNITS | RESULT | LIMIT | 11104-28-2 CV2 NO: | ANOCLOR-1221 | SAMPLE NOMBER! | TINU NI | Z END | TRATS | CODE |
| ^ | n | 6X/Bn | 100 | 001 | 11104-28-2 | ∀KOCLOR-1221 | 3A4000A22 | NI | 2 | 0 | 661 |
| ^ | | ng/Kg ng/Kg | | i08 i08 | 2-82-40111 2-82-40111 | | | | | b | E69 |
| ٨ | n | 6X/6n | 68 | 08 | 11104-28-2 | AROCLOR-1221 | SS40143AE | NI | 9 | b | £68 |
| · ^ | | na/ka | | 108 | 2-82-40111 | | | NI NI | | 0 0 | - 660 |
| | n' | gX/gu | 79 | 179 | 11104-28-2 | PROCLOR-1221 | TSS160028 | NI | ε | 0 | 1-16-80 |
| Λ | *************************************** | ng/Kg | | 179 | 2-82-40111 11104-28-2 | | | | | 0 0 | 2-12-83 |
| r | | 634/6n | | | 2-82-40111 | PROCLOR-1221 | TS4160028 | NI | 3 | 0 | E-16-8 |
| | Π | ng/Kg | 79 | 79 | 2-82-20111 | | | | | 0 0 | 8-31-4 B-31-4 |
| r | | ng/Kg | | 79 | 2-82-40111 | | | | | 0 | 7-18-8 |
| ^ | n | 6 ₃ /6n | 79 | | 11104-28-2 | PROCLOR-1221 | T28160022 | NI | ε | 0 | 3-31-5 |
| ^ | | DA/RD | | 79 | 11104-28-2 | | | | | 0 0 | 9-31-5 |
| ^ | | ng/Kg | | 011 | Z-9Z-+0111 | | | | | 0 | £6200 |
| ٨ | n | 18/Kg | 28 | S8 | 11104-28-2 | PROCLOR-1221 | 2540021AE | NI | 7 | 0 | £6900 |
| ^ | | ng/Kg | | 78 16 | Z-82-70111 | | | | | <u>0</u> 0 | £6900 |
| ۸ | n | 6)/Kg | | 011 | 11104-28-2 | PROCLOR-1221 | SS40024AE | NI | Z | 0 | £6800 |
| ^ | | 6)/Kg | | 120 | 2-82-70111 | 780CL08-1331 780CL08-1331 | | NI | | 0 | 66110 |
| ^ | | | | 78 011 | Z-8Z-70111 | /BOCFOK-1551 /BOCFOK-1551 | | NI NI | | 0 0 | 101393 |
| ۸ | n | gX/gu | 1001 | 001 | 11104-28-2 | HOCTOK-1881 | 3A16001AE | NI | Z | 0 | 66810 |
| ^ | ************************************** | ng/Kg | | 06 98 | 11104-28-2 | /BOCLOR-1221 /BOCLOR-1221 | | | | <u>0</u> 0 | 6910 |
| ^ | | na/Kg na/Kg | | 85 | Z-8Z-#0111 | AROCLOR-1221 | | | | 0 | 05393 |
| ٨ | n | 6×/6r | 1011 | 011 | 11104-28-2 | /BOCIOE 1331 | | | | 0 | £6220 |
| ^ | | 18/Kg | | 88 | Z-8Z-40111 | /BOCFOB-1551 /BOCFOB-1551 | | | | 0 | E6720 |
| ۸ | <u> </u> | 6y/6r | 128 | 28 | 11104-28-2 | /80CF08-1551 | SS40045AE | NI | 7 | 0 | £66Z0 |
| ^ | | 19/Kg | | 071 | 11104-28-2 | /BOCFOK-1551 /BOCFOK-1551 | | NI NI | | 0 | 03093 |
| ^ | | 18/Kg | | 1011 | 11104-28-2 | | | l NI | | 0 | 03293 |
| ^ | n | 6×/6r | 150 | 120 | 11104-28-2 | YROCLOR-1221 | / ∃∀6≠00≠SS | NI | Z | 0 | 66880 |
| ^ | | DA/Kg | | 1001 | 2-82-90111 | YBOCTOB-1551 YBOCTOB-1551 | ······································ | NI NI | | 0 | £69£0 |
| ^ | | 93/6r | | | 2-82-40111 | | | NI | | 0 | 66980 |
| ^ | n | 6×/6r | 106 | 08 | 11104-28-2 | /BOCLOR-1221 | 280005WC | NI | 2 | 0 | Z6Z90 |
| ^ | ····· | | | 08 | 2-82-20111 | /BOCLOR-1232 /BOCLOR-1221 | | | | 0 0 | 26202 |
| Z | · • · · · · · · · · · · · · · · · · · · | 19/Kg | | 78 78 | 9-91-17111 | | | | | 0 | E 6 |
| ۸ | n | бу/вг | JOLL | 011 | 2-91-17111 | /BOCFOK-1535 | 3A0900A22 | NI | 7 | 0 | E(|
| ^ | | 19/Kg | | 1011 | 9-91-14111 | /BOCFOK-1535 /BOCFOK-1535 | | | | 0 | E E |
| ^ | | 18/Kg | | 011 | 9-91-19111 | KOCCOK-1232 | | | | 0 | 6 |
| ^ | n | 6X/6r | 1401 | 071 | 3-91-14111 | /BOCTOK-1535 | 2240058AE | NI | Z | 0 |) E(|
| ^ | | 19/Kg | | 08 | 6-81-14111 | /BOCFOE-1535 /BOCFOE-1535 | | | | 0 | E6 |
| ^ | | 18/Kg | | 120 | 9-91-17111 | KOCCOR-1232 | | | | 0 | £6 |
| ^ | n | бу/вг | 1801 | 08t | 2-91-14111 | /BOCLOR-1232 | ALTO0422 | NI | 7 | 0 | E6 |
| ^ | | 19/Kg | | 11011 | 9-91-14111 | | | | | 0 7 | 93 |
| ^ | | 18/Kg | | 110 | 9-91-17111 | | | | | 0 | 56 |
| ^ | n | gX/gi | | 96 | 11141-16-5 | /BOCLOR-1232 | / 3A60004SS | NI | Z | 0 | .26 |
| | | 18/Kg | | £8 | 9-91-19111 | | | | | 0 | 56 |
| | | 18/Kg 18/Kg | | 68 8 | 9-91-17111 | | | | | 0 | 93 |
| ^ | n l | 6×/6 | 1301 | 130 | 9-91-17111 | KOCLOR-1232 | 3A0800AE | NI | Z | 0 | €6 |
| ^ | | 18/KB | | 168 148 | 9-91-19111 | | | | | 0 | E6 |
| ^ | เ | 63/6i | | 148 | 6-61-14111 | KOCLOR-1232 | 3A68004SS | NI | 9 | Þ | ∫ ε€ |
| ^ | n | 6×/6 | 1 16 | 16 | 9-91-17111 | | | | | 0 | 66 |
| ^ | | 18/Kg | | Z6 96 | 9-91-14111 | **** | | | | 0 | 56 |
| ^ | . n | 6×/6 | 196 | 96 | 11141-16-5 | KOCLOR-1232 · | # 3A0600AS | NI | 2 | 0 | . €€ |
| | ~ | 16/K9 | | 00 t | 9-91-19111 | | | | | 0 | - 56 |
| ^ | | 63/6 | | 011 | 9-91-14111 | | | N | 7 | 0 | 83 |
| ^ | ı n | 6)K9 | | 120 | 9-91-14111 | | | | | 0 | 93 |
| | | 19/Kg | | 001 08 | 3-91-14111 | | | | | 0 | <u> </u> |
| | (n | 6×/6 | 1 68 | 08 | 11141-16-5 | KOCLOR-1232 | SS40142AE | NI | 9 | 7 | €6 |
| | vi n | 6×/6 | ⊓∣68 | 08 | 11141-16-5 | KOCLOR-1232 | | NI | 9 | Þ | 1 86 |
| | | | | 08 | 11141-16-5 | ROCLOR-1232 | 2240145AE | l NI | } 6 | 0 | 1 66 |



Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics SALLING DEPTH DEPTH DETECTION AB RESULT VALIDATION LOCATION William . START END ANALYTE RESULT UNITS QUALIFIER QUALIFIER CODE UNIT SAMPLE NUMBER CAS NO. LIMIT AROCLOR-1232 PCB-31-1 SS00312ST 11141-16-5 43 ug/Kg | U PCB-31-2 n 3IIN SS00313ST AROCLOR-1232 11141-16-5 43jug/Kg | U V AROCLOR-1232 PCB-31-2 ō 31N SS00313ST 11141-16-5 43 43 ug/Kg U PGB-31-3 0 3 IN SS00314ST AROCLOR-1232 11141-16-5 43 ug/Kg U J PCB-31-3 ō 3IIN SS00314ST AROCLOR-1232 11141-16-5 43 43 ug/Kg | U 11141-16-5 PCB-31-4 0 3IIN SS00315ST AROCLOR-1232 43 ug/Kg U J 11141-16-5 PCB-31-4 0 3 IN JSS00315ST AROCL OR-1232 43 43 ug/Kg U 11141-16-5 O AROCLOR-1232 AROCLOR-1232 v PCB-31-5 3 IN SS00316ST 43 ug/Kg | U 43 PCB-31-5 0 311N ISS00316ST 111141-16-5 43 ug/Kg U AROCI OR-1232 SS400293 0 2!IN SS40018AF 11141-16-5 110 ug/Kg U AROCLOR-1232 SS400393 0 21IN SS40019AE 11141-16-5 83 83 ug/Kg U V 0 SS400593 IAROCLOR-1232 21IN SS40021AF 111141-16-5 82 82 ug/Kg | U V AROCLOR-1232 SS400693 0 2 IN SS40022AE 111141-16-5 87 87 ug/Kg U SS400793 AROCLOR-1232 ō 2|IN SS40023AE 11141-16-5 91 91 ug/Kg U Īν SS400893 SS40024AE AROCLOR-1232 0 2 IN 11141-16-5 TV 110 110 ug/Kg U SS401193 ō 2|IN SS40027AE AROCLOR-1232 11141-16-5 120 120 ug/Kg U IV SS401293 ō SS40028AF AROCLOR-1232 111141-16-5 87 87 ug/Kg U SS401393 ō SS40029AE AROCLOR-1232 11141-16-5 110 110 ug/Kg U SS401593 SS40031AE AROCLOR-1232 2IIN 11141-16-5 100 100 ug/Kg U 0 11141-16-5 SS401693 SS40032AE AROCLOR-1232 85 85 ug/Kg ¡U SS401893 SS40034AE AROCLOR-1232 2 IN 11141-16-5 90 90 ug/Kg | U SS402393 ō 2 IN SS40039AE AROCLOR-1232 11141-16-5 92 92 ug/Kg | U S\$402593 0 2 IN SS40041AE AROCLOR-1232 11141-16-5 110 ug/Kg | U SS402793 0 2|IN SS40043AE AROCLOR-1232 111141-16-5 88 88 ug/Kg | U SS402893 0 2IIN SS40044AE AROCLOR-1232 111141-16-5 85 85 ug/Kg U AROCLOR-1232 SS402993 n 2 IN SS40045AE 11141-16-5 82 82 ug/Kg |U 2|IN SS403093 0 SS40046AE AROCLOR-1232 11141-16-5 170 170 ug/Kg | U īv SS403193 n 2 IN SS40047AE AROCLOR-1232 11141-16-5 110 110 ug/Kg U SS403293 n 2 IN SSADDARAE AROCLOR-1232 11141-16-5 110 110 ug/Kg U SS403393 0 2: IN SS40049AF AROCI OR-1232 11141-16-5 150 150 ug/Kg | U AROCLOR-1232 SS403493 0 2IIN SS40050AF 11141-16-5 100 100 ug/Kg U V 0 ISS40051AE AROCLOR-1232 SS403593 2 IN 11141-16-5 94 94 ug/Kg | U SS403693 0 2! IN SS40052AE AROCLOR-1232 111141-16-5 94 94 ug/Kg | U īv SS606292 ō 2 IN SS60062WC AROCLOR-1232 111141-16-5 RO. 90 ug/Kg |U ō SS620292 SS60202WC AROCLOR-1232 2 IN 11141-16-5 80 100 ug/Kg U īv 05193 0 2 IN AROCLOR-1242 SS00003AF īv 153469-21-9 90 90 ug/Kg |U 05393 AROCLOR-1242 0 2 IN SS00005AE 53469-21-9 87 87 ug/Kg | U IZ Ö 2|IN 40093 SS40060AE AROCLOR-1242 153469-21-9 110 110 ug/Kg | U IV ō SS40042AE AROCLOR-1242 40293 2IIN 53469-21-9 110 110|ug/Kg |U īv 40393 0 2 IN SS40053AE AROCLOR-1242 53469-21-9 110 110 ug/Kg | U IV 40693 O 2IIN SS40057AE AROCLOR-1242 140 ug/Kg U 153469-21-9 140 īv 40793 0 2 IN SS40058AE AROCLOR-1242 53469-21-9 140 140:ug/Kg | U IV 40893 ō SS40004AE AROCLOR-1242 53469-21-9 80 96 ug/Kg | U 17 0 SS40072AE AROCLOR-1242 53469-21-9 94 94 ug/Kg |U IV 4,1193 ō 2iIN SS40007A AROCLOR-1242 53469-21-9 120 120 ug/Kg | U Τv 41293 0 SS40071AE AROCLOR-1242 2 IN 53469-21-9 180 180 ug/Kg U ì۷ 41593 AROCLOR-1242 6IIN S\$40073AE 84 84 ug/Kg U 41693 0 SS40410AE AROCLOR-1242 53469-21-9 2 IN 110 110 ug/Kg U 41793 0 SS40077AE AROCLOR-1242 2 IN 53469-21-9 93 93 ug/Kg | U 41993 0 2 IN SS40009AE AROCLOR-1242 53469-21-9 95 95 ug/Kg ¡U 42093 0 2 IN SS40480AE AROCLOR-1242 53469-21-9 83 83 ug/Kg | U 42193 4 6IIN SS40012AE AROCLOR-1242 53469-21-9 83 83 ug/Kg |U 42393 ō 21IN SS40079AE AROCLOR-1242 53469-21-9 86 86 ug/Kg U 42693 0 21IN ISS40080AE AROCLOR-1242 53469-21-9 130 130 ug/Kg | U īv 42993 0 2110 SS400564F AROCLOR-1242 53469-21-9 89 īv 89 ug/Kg | U 84 43393 4 6!IN SS40087AF AROCLOR-1242 53469-21-9 84 ug/Kg |U V 43693 4 6IIN SS40089AF AROCLOR-1242 53469-21-9 84 īv 84 ug/Kg | U 43793 0 AROCLOR-1242 2: IN SS40088AF 53469-21-9 91 91 ug/Kg | U IV 43893 0 2 IN SS40010AE AROCLOR-1242 53469-21-9 96 96 ug/Kg U V 43993 SS40091AF AROCLOR-1242 0 21IN 53469-21-9 92 92 ug/Kg |U īv 44093 0 2 IN SS40090AE AROCLOR-1242 153469-21-9 96 96 ug/Kg |U V 44393 0 SS40005AF 21IN AROCLOR-1242 53469-21-9 90 90 ug/Kg U W 44893 2IIN SS40070AE AROCLOR-1242 53469-21-9 100 100/ug/Kg |U ĪV 45693 Oi 2 IN S\$40094AE AROCLOR-1242 53469-21-9 110 110 ug/Kg |U iv 45793 O 2 IN SS40015AE AROCLOR-1242 53469-21-9 V 120 120 ug/Kg | U 46193 SS40096AE AROCLOR-1242 0 2 IN 53469-21-9 100 100 ug/Kg U IV 46693 ISS40141AE AROCLOR-1242 53469-21-9 80 87 ug/Kg | U ·V 46793 53469-21-9 SS40142AE AROCLOR-1242 80 89 ug/Kg | U ١V 46893 6IIN SS40143AE AROCLOR-1242 53469-21-9 80 īv 89 ug/Kg U 47093 0 SS40145AE 1IIN AROCLOR-1242 53469-21-9 80 91 ug/Kg U PCB-31-1 0 3 IN SS00312ST AROCLOR-1242 53469-21-9 21 ug/Kg |U V PCB-31-1 0 SS00312ST AROCLOR-1242 3 IN 53469-21-9 21 21 ug/Kg !U PCB-31-2 0 SS00313ST AROCLOR-1242 53469-21-9 3IIN 21 ug/Kg |U PCB-31-2 0 31IN SS00313ST AROCLOR-1242 53469-21-9 21 21 ug/Kg |U PCB-31-3 0 3IIN SS00314ST AROCLOR-1242 53469-21-9 21 ug/Kg U J PCB-31-3 0 3IIN SS00314ST AROCLOR-1242 53469-21-9 21 21 ug/Kg U PCB-31-4 0 3 IN SS00315ST AROCLOR-1242 53469-21-9 21 ug/Kg U PCB-31-4 0 3 IN |SS00315ST AROCLOR-1242 53469-21-9 21 ug/Kg U

| | | | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - Or | ganics | | | |
|------------------------|-------|---------|--|--|--|----------------------------|--------------------|--------|-------------------|-------------------------|--|
| LOCATION CODE | START | | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | DETECTION LIMIT | RESULT | | LAB RESULT QUALIFIER | QUALIFIER |
| PCB-31-5 PCB-31-5 | 0 | | | | AROCLOR-1242 AROCLOR-1242 | 53469-21-9 53469-21-9 | 21 | | ug/Kg ug/Kg | | <u>V</u> |
| \$\$400293 | 0 | | | | AROCLOR-1242 | 53469-21-9 | | | ug/Kg | | V |
| SS400393 | 0 | | | | | 53469-21-9 | 83 | | ug/Kg | U | V |
| SS400593 | 0 | | | | | 53469-21-9 | 82 | | ug/Kg | | V |
| SS400693 : SS400793 | 0 | | | | ~ | 53469-21-9 53469-21-9 | 87 91 | | ug/Kg | | V V |
| SS400893 | 0 | | | | AROCLOR-1242 AROCLOR-1242 | 53469-21-9 | 110 | | ug/Kg ug/Kg | | V |
| SS401193 | 0 | | | | ····· | 53469-21-9 | 120 | | ug/Kg | | v |
| SS401293 | 0 | | | | | 53469-21-9 | 87 | 87 | ug/Kg | U | V |
| SS401393 SS401593 | 0 | | | | ······································ | 53469-21-9 | | | ug/Kg | | V |
| SS401693 | 0 | | | | | 53469-21-9 53469-21-9 | 100 85 | | ug/Kg ug/Kg | | V V |
| SS401893 | 0 | | | | | 53469-21-9 | 90 | | ug/Kg | | V |
| SS402393 | 0 | | | | AROCLOR-1242 | 53469-21-9 | 92 | | ug/Kg | | V |
| S\$402593 | 0 | | | | | 53469-21-9 | 110 | | ug/Kg | | V |
| SS402793 SS402893 | 0 | | | | | 53469-21-9 | 88 | | ug/Kg | | V |
| S\$402993 | o o | | | · | ······································ | 53469-21-9 53469-21-9 | 85 82 | | ug/Kg ug/Kg | | v V |
| SS403093 | 0 | | | | | 53469-21-9 | 170 | | ug/Kg | | · |
| SS403193 | 0 | | | | | 53469-21-9 | 110 | 110 | ug/Kg | U | V |
| SS403293 SS403393 | 0 | | | | | 53469-21-9 | 110 | | ug/Kg | | V |
| SS403393 SS403493 | 0 | | | | | 53469-21-9 53469-21-9 | 150 100 | | ug/Kg | | V V |
| SS403593 | 0 | | | | | 53469-21-9 | 94 | | ug/Kg ug/Kg | | v V |
| SS403693 | 0 | | | | | 53469-21-9 | 94 | | ug/Kg | | v |
| SS606292 | 0 | | | | | 53469-21-9 | 80 | | ug/Kg | | V |
| S\$620292 | 0 | | | | | 53469-21-9 | 80 | | ug/Kg | | V |
| 05193 05393 | 0 | | ************************************** | | | 12672-29-6 | 90 | | ug/Kg | | <u>v</u> |
| 40993 | 0 | | | | | 12672-29-6 12672-29-6 | 87 110 | | ug/Kg lug/Kg | | Z V |
| 40293 | Ö | | | | | 12672-29-6 | 110 | | ug/Kg | | <u>v</u> |
| 40393 | 0 | 2 | IN | SS40053AE | AROCLOR-1248 | 12672-29-6 | 110 | 110 | ug/Kg | Ū | v |
| 40693 | 0 | | | | | 12672-29-6 | 140 | 140 | ug/Kg | U | V |
| 40793 · 40893 | 0 | | | | | 12672-29-6 | 140 | | ug/Kg | | V |
| 40993 | 0 | | | | | 12672-29-6 12672-29-6 | 80 94 | | ug/Kg ug/Kg | | V V |
| 41193 | O | | | | | 12672-29-6 | 120 | | ug/Kg | | v V |
| 41293 | 0 | | | | AROCLOR-1248 | 12672-29-6 | 180 | | ug/Kg | | v |
| 41593 | 4 | | | | | 12672-29-6 | 84 | 84 | ug/Kg | U | V |
| 41693 41793 | 0 | | | | | 12672-29-6 | 110 | | ug/Kg | | V |
| 41993 | 0 | | | | | 12672-29-6 12672-29-6 | 93 95 | | ug/Kg ug/Kg | | v v |
| 42093 | O | | | | | 12672-29-6 | 83 | | ug/Kg | | <u>v</u> |
| 42193 | 4 | | | | AROCLOR-1248 | 12672-29-6 | 83 | | ug/Kg | | J |
| 42393 | 0 | | | | | 12672-29-6 | 86 | 86 | ug/Kg | U | V |
| 42693 42993 | 0 | | | | | 12672-29-6 | 130 | | ug/Kg | | V |
| 43393 | 4 | 6 | | | | 12672-29-6 12672-29-6 | 89 84 | | ug/Kg ug/Kg | | V V |
| 43693 | 4 | | | ······································ | | 12672-29-6 | 84 | | ug/Kg | | <u> </u> |
| 437.93 | 0 | 2 | | | AROCLOR-1248 | 12672-29-6 | 91 | | ug/Kg | | Ż |
| 43893 | 0 | 2 | | | | 12672-29-6 | 96 | | ug/Kg | | V - |
| 43993 44093 | 0 | | | | | 12672-29-6 12672-29-6 | 92 96 | | ug/Kg | | <u>, </u> |
| 44393 | 0 | | | | | 12672-29-6 | 90 | | ug/Kg ug/Kg | | V V |
| 44893 | 0 | | IN S | SS40070AE | | 12672-29-6 | 100 | | ug/Kg | | v — |
| 45693 | 0 | | | | | 12672-29-6 | 110 | | ug/Kg | | v |
| 45793 | 0 | 2 | | | | 12672-29-6 | . 120 | 120 | ug/Kg | U | V |
| 46193 46693 | 0 | | | | | 12672-29-6 | 100 | | ug/Kg | | V |
| 46793 | 4 | 6 | | | | 12672-29-6 12672-29-6 | 08 08 | | ug/Kg ug/Kg | | v v |
| 46893 | 4 | | | | | 12672-29-6 | 80 | | ug/Kg | | <u>v</u> |
| 47093 | 0 | 1 | IN S | SS40145AE | AROCLOR-1248 | 12672-29-6 | 80 | | ug/Kg | | V |
| PCB-31-1 | 0 | 3 | | | | 12672-29-6 | | 21 | ug/Kg | U | V |
| PCB-31-1 PCB-31-2 | 0 | 3 | | | | 12672-29-6 | 21 | | ug/Kg | | ., |
| PCB-31-2 PCB-31-2 | 0 | 3 3 | | | | 12672-29-6 12672-29-6 | 21 | | ug/Kg ug/Kg | | V |
| PCB-31-3 | o | 3 | | | | 12672-29-6 | | | ug/Kg ug/Kg | | J |
| PCB-31-3 | 0 | 3; | IN S | SS00314ST | AROCLOR-1248 | 12672-29-6 | 21 | | ug/Kg | | |
| PCB-31-4 | 0 | 3 | | | AROCLOR-1248 | 12672-29-6 | | 21 | ug/Kg | U į | J |
| PCB-31-4 | 0 | 3 | | | | 12672-29-6 | 21 | 21 | ug/Kg | U | |
| PCB-31-5 PCB-31-5 | 0 | 3 | | | | 12672-29-6 | | | ug/Kg | | V |
| SS400293 | 0 | 2 | | | | 12672-29-6 12672-29-6 | 21 110 | | ug/Kg ug/Kg | | , - |
| SS400393 | 0 | 2 | | | ······································ | 12672-29-6 | 83 | | ug/Kg | | |
| S\$400593 | 0 | 2 | IN IS | S40021AE | AROCLOR-1248 | 12672-29-6 | 82 | | ug/Kg | | |
| SS400693 | 0. | 2 | | | | 12672-29-6 | 87 | 87 | ug/Kg | Ų į | / |
| SS400793 | 0 | 2 | IN S | SS40023AE / | AROCLOR-1248 | 12672-29-6 | 91 | 91 | ug/Kg II | U T | / |

| | | | | T | | Evaporation Ponds AOC - Analytical Res | | 7: | | | | |
|-----|--|----------------|----------------------|---------------|---------------|--|----------------------------|-------------|---|--------------------|------------|---------------|
| | LOCATION | DEPTH | DEPTH | * | | | | DETECTION | | Sub A Jack | LAB RESULT | VALIDATION |
| | CODE | | | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| | SS400893 | 0 | | | SS40024AE | AROCLOR-1248 | 12672-29-6 | 110 | | ug/Kg | | V |
| | SS401193 : SS401293 : | 0: | | | | AROCLOR-1248 AROCLOR-1248 | 12672-29-6 12672-29-6 | 120 87 | | lug/Kg lug/Kg | | V |
| | SS401393 | 0 | | | | | 12672-29-6 | | | ug/Kg | | iv |
| | SS401593 | 0 | | | | | 12672-29-6 | | | ug/Kg | | V |
| : | SS401693 SS401893 | 0 | | | | | 12672-29-6 | 85 | | ug/Kg | | V |
| | SS401893 SS402393 | 0 | | | | | 12672-29-6 12672-29-6 | | | ug/Kg ug/Kg | | V V |
| | SS402593 | 0 | | | | | 12672-29-6 | | | ug/Kg | | v |
| | SS402793 | 0 | War share white here | | | | 12672-29-6 | | | ug/Kg | | V |
| | SS402893 SS402993 | 0 | | | | | 12672-29-6 | | | ug/Kg | | V |
| | SS402993 | 0 | | | | | 12672-29-6 12672-29-6 | | | ug/Kg ug/Kg | | V |
| - 3 | SS403193 | 0 | | | | | 12672-29-6 | | | ug/Kg | | v |
| į | SS403293 | 0 | | | | | 12672-29-6 | | | lug/Kg | | V |
| 1 | SS403393 SS403493 | 0 | | | | | 12672-29-6 | | | ug/Kg | | <u>V</u> |
| | SS403493 | 0 | | | | | 12672-29-6 12672-29-6 | | | ug/Kg lug/Kg | | V |
| | SS403693 | 0 | | | | | 12672-29-6 | | | lug/Kg | | V |
| i | SS606292 | 0 | ~ | | | | 12672-29-6 | 80 | 90 | ug/Kg | U | V |
| | SS620292 | 0 | | | | | 12672-29-6 | ···· | | ug/Kg | | V |
| | 05193 05393 | 0 | | | | | 11097-69-1 11097-69-1 | 180 170 | | lug/Kg lug/Kg | | V Z |
| | 40093 | 0 | | ********* | | | 11097-69-1 | | | ug/Kg | | <u>Z</u> V |
| i | 40293 | 0 | 2 | IN | SS40042AE | AROCLOR-1254 | 11097-69-1 | 210 | 210 | ug/Kg | Ū | V |
| | 40393 | 0 | | ************* | | | 11097-69-1 | 210 | | ug/Kg | | V |
| | 40693 40793 | 0 | | | | | 11097-69-1 11097-69-1 | 290 | | ug/Kg | | V V |
| | 40893 | 0 | | | | | 11097-69-1 | | | ug/Kg ug/Kg | | V |
| | 40993 | 0 | | | | | 11097-69-1 | | | ug/Kg | | v v |
| | 41193 | 0 | | | | | 11097-69-1 | | | ug/Kg | | V |
| | 41293 41593 | 0 4 | | | | | 11097-69-1 | | | ug/Kg | | V |
| | 41693 | 0 | | | | | 11097-69-1 | | | ug/Kg ug/Kg | | V V |
| | 417,93 | 0 | | | | | 11097-69-1 | 190 | | ug/Kg | | v · |
| | 41993 | 0 | | | | AROCLOR-1254 | 11097-69-1 | 190 | 190 | ug/Kg | U | V |
| | 42093 | 0, | | | | | 11097-69-1 | | | ug/Kg | | V |
| | 42193 ¹ 42393 ¹ | 4 ¹ | | | | | 11097-69-1 11097-69-1 | | | ug/Kg ug/Kg | | Λ 1 |
| | 12693. | 0 | | | | | 11097-69-1 | | | ug/Kg | | v |
| | 12993 | 0 | | | | AROCLOR-1254 | 11097-69-1 | 180 | *************************************** | ug/Kg | | V |
| | 13393 | 4 | | | | | 11097-69-1 | 170 | | ug/Kg | | V |
| | 43693 43793 | 4 | | | | | 11097-69-1 11097-69-1 | 170 | | ug/Kg | | V |
| | 13893 | 0 | | | | | 11097-69-1 | 180 190 | | ug/Kg ug/Kg | | <u>V</u> |
| Ì | 13993 | 0 | | IN | SS40091AE | | 11097-69-1 | 180 | | ug/Kg | | v |
| | 14093 | 0 | | | | | 11097-69-1 | 190 | | ug/Kg | ····· | V |
| | 14393 14893 | 0 | | | | | 11097-69-1 | 180 | | ug/Kg | | V |
| | 15693 | 0 | | | | | 11097-69-1 11097-69-1 | 210 | | ug/Kg ug/Kg | | V V |
| | 15793 | 0 | | | | | 11097-69-1 | 240 | 240 | ug/Kg | Ŭ i | · v |
| | 6193 | 0 | | | | | 11097-69-1 | 200 | 200 | ug/Kg | U j | V . |
| | 16693 16793 | 4 | | | | | 11097-69-1 | | | ug/Kg | | V |
| | 16893 | 4 | | | | | 11097-69-1 11097-69-1 | 160 160 | | ug/Kg ug/Kg | | <u>v</u> v |
| . [| 7093 | 0 | 1 | IN I | SS40145AE | AROCLOR-1254 | 11097-69-1 | 160 | | ug/Kg | | v |
| | PCB-31-1 | 0 | | | | | 11097-69-1 | | 13 | ug/Kg | J | Α |
| | PCB-31-1 PCB-31-2 | 0 | | | | | 11097-69-1 | 21 | | ug/Kg | | |
| | CB-31-2 | 0 | | | | | 11097-69-1 11097-69-1 | 21 | | ug/Kg ug/Kg | | V |
| Ì | PCB-31-3 | 0 | | | | | 11097-69-1 | | | ug/Kg | | J |
| | CB-31-3 | 0 | | | | | 11097-69-1 | 21 | 21 | ug/Kg | | |
| | PCB-31-4 PCB-31-4 | 0; 0; | | | | | 11097-69-1 | A-1 | 63 | ug/Kg | | J |
| | CB-31-4 CB-31-5 | 0 | | | | | 11097-69-1 11097-69-1 | 21 | 53 30 | ug/Kg ug/Kg | | J |
| Ī | CB-31-5 | 0 | | IN | SS00316ST | | 11097-69-1 | 21 | | ug/Kg | | - |
| | S400293 | 0 | | IN | SS40018AE | AROCLOR-1254 | 11097-69-1 | 220 | 220 | ug/Kg | | V |
| | SS400393 SS400593 | 0 | | | | | 11097-69-1 | 170 | | ug/Kg | | V |
| | S400593 S400693 | 0 | | | | | 11097-69-1 11097-69-1 | 160 170 | | ug/Kg i ug/Kg i | | v v |
| | S400793 | 0 | | | | | 11097-69-1 | 180 | | ug/Kg | | V V |
| į | S400893 | 0 | 2 | IN . | SS40024AE | AROCLOR-1254 | 11097-69-1 | 220 | 220 | ug/Kg | J I | V |
| | S401193 | 0 | | | | | 11097-69-1 | 230 | | ug/Kg | | V |
| | S401293 S401393 | 0 | | | | | 11097-69-1 11097-69-1 | 170 230 | | ug/Kg | | <u>V</u> |
| | S401593 | 0 | | | | | 11097-69-1 | 210 | | ug/Kg ug/Kg | | v V |
| Ì | S401693 | 0 | 2 | IN | SS40032AE | AROCLOR-1254 | 11097-69-1 | 170 | | ug/Kg | | v |
| | S401893 | 0 | 2 | IN | SS40034AE / | AROCLOR-1254 | 11097-69-1 | 180 | | ug/Kg | | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION 4 END. UNIT SAMPLE NUMBER LIMIT RESULT UNITS CODE ANALYTE CAS NO. QUALIFIER QUALIFIER SS402393 AROCLOR-1254 SS40039AE 2 IN 11097-69-1 180 180 ug/Kg | U SS402593 SS40041AE AROCLOR-1254 2 IN 0 11097-69-1 210 210 ug/Kg | U IV SS402793 0 SS40043AE AROCLOR-1254 11097-69-1 180 180 ug/Kg | U īv SS402893 SS40044AE AROCLOR-1254 11097-69-1 0 2 IN 170 170 ug/Kg U īV 0 SS402993 SS40045AE AROCLOR-1254 11097-69-1 160 160 ug/Kg | U V SS403093 0 ISS40046AE AROCLOR-1254 11097-69-1 340|ug/Kg | U 340 V SS403193 SS40047AE AROCLOR-1254 11097-69-1 220 220 ug/Kg | U V SS403293 0 SS40048AE AROCLOR-1254 111097-69-1 210 ug/Kg | U 210 SS403393 0 2IN SS40049AE AROCLOR-1254 11097-69-1 300 300 ug/Kg | U SS403493 ISS40050AE AROCLOR-1254 2IIN 11097-69-1 200 ug/Kg | U SS403593 O SS40051AE AROCLOR-1254 11097-69-1 190 2 IN 190 ug/Kg | U SS403693 0 2 IN ISS40052AE AROCLOR-1254 11097-69-1 190 190 ug/Kg | U 180 ug/Kg U SS606292 0 2 IN ISS60062WC AROCLOR-1254 11097-69-1 160 V SS620292 0 2 IN SS60202WC AROCLOR-1254 11097-69-1 160 200 ug/Kg | U 05193 0 21IN ISS00003AE AROCLOR-1260 11096-82-5 180 180 ug/Kg | U V 05393 AROCLOR-1260 O 211N SS00005AE 11096-82-5 170 170 ug/Kg | UX 40093 0 2 N SS40060AF AROCLOR-1260 11096-82-5 230 230 ug/Kg | U 0 40293 2.IN ISS40042AE AROCLOR-1260 11096-82-5 210 210 ug/Kg | U SS40053AF 40393 0 2IIN AROCLOR-1260 11096-82-5 210 210 ug/Kg | U V 40693 :SS40057AE AROCLOR-1260 2 IN 11096-82-5 290 290 ug/Kg U 40793 0 SS40058AF AROCLOR-1260 2 IN 11096-82-5 280 280 ug/Kg | U V 40893 O 2IIN ISS40004AE AROCLOR-1260 111096-82-5 160 190 ug/Kg | U īv 40993 2 IN SS40072AE AROCLOR-1260 0 11096-82-5 190 190 ug/Kg | U V 0 2 IN S\$40007AE AROCLOR-1260 41193 11096-82-5 240 240 ug/Kg | U IV 41293 SS40071AE AROCLOR-1260 0 11096-82-5 360 360 ug/Kg | U IV 41593 SS40073AE AROCLOR-1260 11096-82-5 170 170 ug/Kg | U IV 41693 õ SS40410AE AROCLOR-1260 11096-82-5 210 210 ug/Kg | U IV 41793 0 21IN SS40077AE AROCLOR-1260 11096-82-5 190 190 ug/Kg U 41993 SS40009AE AROCLOR-1260 11096-82-5 190 190 ug/Kg | U IV 42093 S\$40480AE AROCLOR-1260 0 11096-82-5 170 170 ug/Kg | U īV 42193 SS40012AE AROCLOR-1260 6:IN 11096-82-5 170 170 ug/Kg | U 2 IN 42393 0 SS40079AE AROCLOR-1260 11096-82-5 170 170 ug/Kg | U 42693 0 2IN SS40080AE AROCLOR-1260 11096-82-5 250 250 ug/Kg | U 42993 0 2 IN SS40056AE AROCLOR-1260 180 180 ug/Kg | U 43393 4 6 IN SS40087AE AROCLOR-1260 11096-82-5 170 170 ug/Kg | U 43693 4 6 IN SS40089AE AROCLOR-1260 170 170 ug/Kg | U V 43793 0 SS40088AE AROCLOR-1260 2 IN 111096-82-5 180 ug/Kg | U 43893 n 2 IN SS40010AE AROCLOR-1260 11096-82-5 190 ug/Kg | U 43993 O 2 IN SS40091AE AROCLOR-1260 11096-82-5 180 180 ug/Kg | U 44093 0 2 IN SS40090AF AROCLOR-1260 11096-82-5 190 190|ug/Kg | U 44393 0 2 IN SS40005AE AROCLOR-1260 11096-82-5 180 180 ug/Kg | U 44893 0 2IIN SS40070AE AROCLOR-1260 11096-82-5 210 210 ug/Kg | U V 45693 0 2 IN SS40094AF AROCLOR-1260 11096-82-5 230 230 ug/Kg | U 45793 SS40015AE AROCLOR-1260 0 2:IN 11096-82-5 240 240|ug/Kg | U īV 46193 0 2 IN SS40096AF AROCLOR-1260 11096-82-5 200 200 ug/Kg U īv 46693 6 IN SS40141AE AROCLOR-1260 4 11096-82-5 160 170 ug/Kg | U ĺν SS40142AE AROCLOR-1260 4 6 IN 11096-82-5 160 180 ug/Kg | U īV SS40143AE AROCLOR-1260 6 IN 11096-82-5 160 180 ug/Kg | U IV 0 SS40145AE AROCLOR-1260 1IIN 11096-82-5 160 180 ug/Kg | U iV PCB-31-1 SS00312ST AROCLOR-1260 V 11096-82-5 21 ug/Kg U PCB-31-1 SS00312ST AROCLOR-1260 111096-82-5 21 21 ug/Kg U PCB-31-2 0 SS00313ST AROCLOR-1260 11096-82-5 V 21 ug/Kg U PCB-31-2 SS00313ST AROCLOR-1260 0 111096-82-5 21 21 ug/Kg | U PCB-31-3 0 SS00314ST AROCLOR-1260 11096-82-5 21 ug/Kg U J PCB-31-3 0 3 IN SS00314ST AROCLOR-1260 11096-82-5 21 21 ug/Kg U PCB-31-4 O SS00315ST AROCLOR-1260 11096-82-5 21 ug/Kg U J PCB-31-4 0 3 IN SS00315ST AROCLOR-1260 11096-82-5 21 21 ug/Kg U PCB-31-5 0 3 IN SS00316ST AROCLOR-1260 11096-82-5 V 21 ug/Kg U PCB-31-5 ō 3 IN SS00316ST AROCLOR-1260 11096-82-5 21 ug/Kg U SS400293 0 2 IN SS40018AE AROCLOR-1260 11096-82-5 220 220 ug/Kg U SS400393 0 2 IN SS40019AE AROCLOR-1260 11096-82-5 170 170 ug/Kg | U SS40021AE SS400593 0 2 IN AROCLOR-1260 11096-82-5 160 160 ug/Kg | U SS400693 O. 2:IN SS40022AE AROCLOR-1260 11096-82-5 170 170 ug/Kg | U īv SS400793 0 2 IN ISS40023AE AROCLOR-1260 111096-82-5 180 180 ug/Kg U SS400893 SS40024AF 0 2 IN AROCLOR-1260 11096-82-5 220 220 ug/Kg U ÍΫ SS401193 0 2 IN SS40027AE AROCLOR-1260 11096-82-5 230 230 ug/Kg | U SS401293 0 21IN SS40028AF AROCLOR-1260 11096-82-5 170 170 ug/Kg | U IV SS401393 0 SS40029AE AROCLOR-1260 2 IN 11096-82-5 230 230 ug/Kg | U SS401593 SS40031AE V 0 2 IN AROCLOR-1260 11096-82-5 210 210 ug/Kg U SS401693 0 2 IN SS40032AE AROCLOR-1260 11096-82-5 170 170 ug/Kg | U īv SS401893 SS40034AE AROCLOR-1260 0 2IIN 11096-82-5 180 180 ug/Kg U īv SS402393 0 2 IN SS40039AE AROCLOR-1260 11096-82-5 180 180 ug/Kg | U W SS402593 0 SS40041AE AROCLOR-1260 2 IN 11096-82-5 210 210 ug/Kg | U V SS402793 SS40043AE AROCLOR-1260 11096-82-5 īV 180 180 ug/Kg i U 0 SS40044AE SS402893 AROCLOR-1260 11096-82-5 170 170 ug/Kg | U IV SS402993 0 SS40045AE AROCLOR-1260 2!IN 11096-82-5 160 160 ug/Kg | U V SS403093 2 IN SS40046AF AROCLOR-1260 11096-82-5 340 340 ug/Kg | U SS403193 2 IN SS40047AE AROCLOR-1260 11096-82-5 220 220|ug/Kg |:U

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics LOCATION DEPTH DEPTH DETECTION AR PESUIT VALIDATION director. 1 鸷 CODE START END UNIT SAMPLE NUMBER CAS NO. RESULT ANALYTE LIMIT UNITS QUALIFIER QUALIFIER AROCLOR-1260 SS40048AE 11096-82-5 210 210 ug/Kg | U SS403393 SS40049AF AROCLOR-1260 11096-82-5 V 300 300|ug/Kg |U SS403493 0 AROCLOR-1260 SS40050AI 11096-82-5 200 200 ug/Kg |U V SS403593 SS40051AE AROCLOR-1260 11096-82-5 190 190 ug/Kg | U īV \$\$403693 \$\$606292 2 IN SS40052AE AROCLOR-1260 0 11096-82-5 190 190 ug/Kg | U V SS60062WC AROCLOR-1260 2 IN 11096-82-5 160 180 ug/Kg | U SS620292 O SS60202WC AROCLOR-1260 2:IN 11096-82-5 160 V 200 ug/Kg |U P208989 n 0 FT SEP1789BR0002 BENZENE 71-43-2 6 ug/Kg U 2 IN 05093 0 SS00002AF BENZO(A)ANTHRACENE 56-55-3 360 250 ug/Kg | J 05193 ō 2 IN SS00003AF BENZO(A)ANTHRACENE 56-55-3 380 380 ug/Kg | U 05393 0 2 11 SS00005AE BENZO(A)ANTHRACENE 56-55-3 360 48 ug/Kg J 40093 0 2HN SS40060AF BENZO(A)ANTHRACENE 56-55-3 480 480 ug/Kg U 40293 n 21IN ISS40042AF BENZO(A)ANTHRACENE 56-55-3 450 450 ug/Kg | U SS40053AF 40393 Õ 2 IN BENZO(A)ANTHRACENE 56-55-3 440 440 ug/Kg | U īV SS40057AF 40693 O 2: IN BENZO(A)ANTHRACENE 56-55-3 600 460 ug/Kg | J ÍΑ 40793 SS40058AE 0 520 ug/Kg | J 2IIN BENZO(A)ANTHRACENE 56-55-3 590 40893 2 IN SS40004AF BENZO(A)ANTHRACENE 0 56-55-3 330 400 ug/Kg U v 40993 SS40072AE 0 2 IN BENZO(A)ANTHRACENE 156-55-3 390 320 ug/Kg | J 41193 0 2 IN SS40007AE BENZO(A)ANTHRACENE 56-55-3 500 150 ug/Kg J A 41293 21IN SS40071AE ō BENZO(A)ANTHRACENE 56-55-3 740 180 ug/Kg | J 41593 6 IN SS40073AE BENZO(A)ANTHRACENE 56-55-3 350 350 ug/Kg | U V 41093 21IN SS40410AE BENZO(A)ANTHRACENE 56-55-3 450 66 ug/Kg | J Ā 41793 2: IN SS40077AE BENZO(A)ANTHRACENE 56-55-3 390 81 ug/Kg J 41993 2.IN SS40009A BENZO(A)ANTHRACENE 56-55-3 400 110 ug/Kg |J 2IIN SS40480AE 42093 ō BENZO(A)ANTHRACENE 56-55-3 350 350 ug/Kg | U V 6IIN SS40012AF 42193 BENZO(A)ANTHRACENE 56-55-3 350 350 ug/Kg | U V 42293 õ 2 IN SS40078AE BENZO(A)ANTHRACENE 56-55-3 380 380 ug/Kg | U Į.i 42393 SS40079AE BENZO(A)ANTHRACENE 2|IN 56-55-3 360 210 ug/Kg | J A 42593 Δ 6IIN SS40082AF BENZO(A)ANTHRACENE 56-55-3 350 350 ug/Kg | U 42693 0 2 IN SS40080AE BENZO(A)ANTHRACENE 56-55-3 520 63 ug/Kg J A 56-55-3 42993 O 2 IN SS40056AE BENZO(A)ANTHRACENE 370 54 ug/Kg J Α 43143 n 2111 SS40084AF BENZO(A)ANTHRACENE 56-55-3 360 56 ug/Kg |J 43393 4 SUN SS400874F BENZO(A)ANTHRACENE 56-55-3 350 ug/Kg | U 350 43493 ō 2:IN SS40086AF BENZO(A)ANTHRACENE 56-55-3 380 380 ug/Kg | U 43693 4 6 IN SS40089AF BENZO(A)ANTHRACENE 56-55-3 350 350 ug/Kg | U 43793 0 2 IN ISS40088AF BENZO(A)ANTHRACENE 56-55-3 380 57 ug/Kg |J A 43893 o 21IN SS40010AF BENZO(A)ANTHRACENE 56-55-3 400 110 ug/Kg J A 43993 0 2 IN SS40091AF BENZO(A)ANTHRACENE 56-55-3 380 ug/Kg | U 380 44093 ō 2 IN SS40090AF BENZO(A)ANTHRACENE 56-55-3 400 53 ug/Kg ,J 44393 0 2IIN SS40005AF BENZO(A)ANTHRACENE 56-55-3 380 68 ug/Kg J BENZO(A)ANTHRACENE 44893 0 2 IN SS40070AE 56-55-3 440 440|ug/Kg |U BENZO(A)ANTHRACENE 45693 SS40094AE 0 2 IN 56-55-3 480 210 ug/Kg | J 45793 0 2 IN SS40015AE BENZO(A)ANTHRACENE 56-55-3 500 490 ug/Kg J BENZO(A)ANTHRACENE 46193 ŏ 2 IN SS40096AE 56-55-3 420 80 ug/Kg J 46693 SS40141AE BENZO(A)ANTHRACENE 56-55-3 330 360 ug/Kg | U 46793 4 6IIN SS40142AE BENZO(A)ANTHRACENE 56-55-3 330 360|ug/Kg |U V 46893 4 6 IN SS40143AE BENZO(A)ANTHRACENE 56-55-3 330 370 ug/Kg | U V 47093 SS40145AE ō BENZO(A)ANTHRACENE 56-55-3 330 370|ug/Kg |U īV 2 IN SS400293 0 SS40018AE BENZO(A)ANTHRACENE 56-55-3 460 140 ug/Kg iJ ΙA SS400393 2 IN SS40019AE BENZO(A)ANTHRACENE O 56-55-3 350 170 ug/Kg | J A SS400593 ñ 2 IN SS40021AE BENZO(A)ANTHRACENE 56-55-3 340 51 ug/Kg |J IA SS400693 2 IN SS40022AF BENZO(A)ANTHRACENE 56-55-3 360 360|ug/Kg | U IV SS400793 0 2 IN SS40023AE BENZO(A)ANTHRACENE 56-55-3 380 86 ug/Kg J A SS400893 n 21IN SS40024AF BENZO(A)ANTHRACENE 56-55-3 460 46 ug/Kg J !A SS401193 ñ 2 IN SS40027AF BENZO(A)ANTHRACENE 480 480 ug/Kg | U ISS401293 O 2 IN SS40028AF BENZO(A)ANTHRACENE 56-55-3 360 360 ug/Kg | U SS401393 0 2111 SS40029AF BENZO(A)ANTHRACENE 56-55-3 470 ٧ 470 ug/Kg | U 0 SS401593 2 IN SS40031AF BENZO(A)ANTHRACENE 56-55-3 330 ug/Kg | J 430 A SS401693 0 2 IN SS40032AF BENZO(A)ANTHRACENE 56-55-3 360 94 ug/Kg J IA SS401893 ō SS40034AF 21IN BENZO(A)ANTHRACENE 56-55-3 380 120 ug/Kg | J SS402393 0 2 IN SS40039AF BENZO(A)ANTHRACENE 56-55-3 380 130 ug/Kg J A SS402593 SS40041AF 2 IN BENZO(A)ANTHRACENE 56-55-3 440 440 ug/Kg | U SS402793 0 SS40043AE BENZO(A)ANTHRACENE 2|IN 56-55-3 370 420 ug/Kg ٧ SS402893 0 2IN SS40044AE BENZO(A)ANTHRACENE 56-55-3 350 110 ug/Kg J SS402993 0 2 IN SS40045AE BENZO(A)ANTHRACENE 56-55-3 340 340 ug/Kg | U īV 2IN SS493093 0 SS40046AE BENZO(A)ANTHRACENE 56-55-3 700 160 ug/Kg | J SS403193 SS40047AF BENZO(A)ANTHRACENE ٧ 56-55-3 460 460 ug/Kg 1U SS403293 0 2iIN SS40048AE BENZO(A)ANTHRACENE 56-55-3 440 100 ug/Kg | J A SS403393 SS40049AE BENZO(A)ANTHRACENE 56-55-3 630 630 ug/Kg | U W SS403493 0 2IIN SS40050AE BENZO(A)ANTHRACENE 56-55-3 420 420 ug/Kg | U IV SS403593 SS40051AE 0 211 BENZO(A)ANTHRACENE 56-55-3 390 390 ug/Kg | U īV 55403693 0 2IN SS40052AF BENZO(A)ANTHRACENE 56-55-3 390 160 ug/Kg | J iA SS810893 3 IN SSG0102JE BENZO(A)ANTHRACENE 56-55-3 330 170 ug/Kg | J A SS811193 n 3 IN SSG0105JF BENZO(A)ANTHRACENE 56-55-3 330 ī 430 ug/Kg SS811493 0 3 IN SSG0108JE BENZO(A)ANTHRACENE 56-55-3 330 1100 ug/Kg ١V 05093 O 2IIN SS00002AF BENZO(A)PYRENE 360 280 ug/Kg | J Z 105193 0 2 IN SS00003AF BENZO(A)PYRENE 50-32-8 380 44 ug/Kg J Z 05393 21IN SS00005AE BENZO(A)PYRENE 50-32-8 360 51 ug/Kg J

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

| 7 . | × . | T | Γ. | | Lvapolat | on Ponds AOC - Analytical Res | · | ace 30lis - Ol | gainus | A No. 1 A Sec. 1 | B 2 3 2 3 3 3 |
|----------------------|-------------|--|--------------|---------------|----------|-------------------------------|-------------|----------------|--|--|---------------|
| LOCATION | DEPTH | DEPTH | 7 ° 4 | 4. 6. 2. 8 | Sec. 18 | South the March for the | in the same | DETECTION | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | LAB RESULT | VALIDATION |
| CODE | START | | LINIT | SAMPLE NUMBER | | ANALYTÊ | CAS NO. | LIMIT | RESULT UNITS | | |
| 40093 | 0 | | | | | NPYRENE | 50-32-8 | 480 | | | V |
| 40293 | 0 | | | | | A)PYRENE | 50-32-8 | 450 | | | V |
| 40393 | 0 | | | | | A)PYRENE | 50-32-8 | 440 | | | V |
| 40693 | 0 | | | | | A)PYRENE | 50-32-8 | 600 | | | |
| 40793 | 0 | | | | | | | | | | A |
| 40893 | 1 0 | | | | | | 50-32-8 | 590 | | <u> </u> | J |
| | | | | | | | 50-32-8 | 330 | | | Α |
| 40993 | 0 | | | | | | 50-32-8 | 390 | | | A |
| 41193 | 0 | ************************************** | | | | | 50-32-8 | 500 | | | Α |
| 41293 | 0 | | | | | | 50-32-8 | 740 | | | Α |
| 41593 | 4 | | | | | | 50-32-8 | 350 | | | <u>V</u> |
| 41693 | 0 | | | | | | 50-32-8 | 450 | | | A |
| 41793 | 0 | | | | | | 50-32-8 | 390 | | | |
| 41993 | 0 | | | | | | 50-32-8 | 400 | | | |
| 42093 | 0 | 2 | | | BENZO(| I)PYRENE | 50-32-8 | 350 | 350 ug/Kg | Ü | V |
| 42193 | 4 | 6 | IN | SS40012AE | BENZO(| A)PYRENE | 50-32-8 | 350 | 350 ug/Kg | U | V |
| 42293 | 0 | 2 | IN | SS40078AE | BENZO(| N)PYRENE | 50-32-8 | 380 | | | J |
| 42393 | 0 | 2 | IN | SS40079AE | BENZO(| ()PYRENE | 50-32-8 | 360 | | | A |
| 42593 | 4 | 6 | IN | SS40082AE | BENZO(/ | N)PYRENE | 50-32-8 | 350 | | | V |
| 42693 | 0 | 2 | IN | SS40080AE | BENZO(|)PYRENE | 50-32-8 | 520 | | | J |
| 42993 | 0 | 2 | IN | SS40056AE | | | 50-32-8 | 370 | | | A |
| 43193 | 0 | | | | | PYRENE | 50-32-8 | 360 | | | |
| 43393 | 4 | | | | |)PYRENE | 50-32-8 | 350 | | | V |
| 43493 | 0 | | | | |)PYRENE | 50-32-8 | 380 | | | J |
| 43693 | 4 | | | | | | 50-32-8 | 350 | 350 ug/Kg | | <u>v</u> |
| 43793 | 0 | <u>-</u> | | | | | 50-32-8 | 380 | | | A |
| 43893 | 0 | | | | | | 50-32-8 | 400 | | | |
| 43093 | 0 | | | | | | | | | | A |
| 44093 | 0 | | | | | | 50-32-8 | 380 | | | V |
| 44393 | 0 | | | | | | 50-32-8 | 400 | 400 ug/Kg | | |
| 44893 | | | | | | | 50-32-8 | 380 | 72 ug/Kg | | Α |
| | 0 | | | | | | 50-32-8 | 440 | | | J |
| 45693 | 0 | | | | | | 50-32-8 | 480 | 200 ug/Kg | | Α |
| 45793 | 0 | | | | | | 50-32-8 | 500 | 530 ug/Kg | | IV . |
| 46193 | 0 | | | | | | 50-32-8 | 420 | 87 ug/Kg | | Α |
| 46693 | 4 | | | | | | 50-32-8 | 330 | 360 ug/Kg | | V |
| 46793 | 4 | | | | | | 50-32-8 | 330 | 360 ug/Kg | | V |
| 46893 | 4 | | | | | | 50-32-8 | 330 | 370 ug/Kg | | V |
| 47093 | 0 | | | | | | 50-32-8 | 330 | 370 ug/Kg | | V |
| SS400293 | 0 | | | | | | 50-32-8 | 460 | 170jug/Kg | J | Α |
| \$\$400393 | 0 | | | | | | 50-32-8 | 350 | 230 ug/Kg | J i | Α |
| SS400593 | 0 | | | | | | 50-32-8 | 340 | 65 ug/Kg | J | Α |
| SS400693 | 0, | | | \$\$40022AE | BENZO(A |)PYRENE | 50-32-8 | 360 | 45 ug/Kg | J | A |
| SS400793 | 0 | 2 | IN | SS40023AE | BENZO(A |)PYRENE | 50-32-8 | 380 | 78 ug/Kg | J | A |
| SS400893 | 0 | | IN | SS40024AE | BENZO(A |)PYRENE | 50-32-8 | 460 | 63 ug/Kg | | Α |
| SS401193 | 0 | 2; | IN | SS40027AE | BENZO(A |)PYRENE | 50-32-8 | 480 | 480 ug/Kg | | V |
| SS401293 | 0 | 2 | IN | SS40028AE | BENZO(A |)PYRENE | 50-32-8 | 360 | 360 ug/Kg | U | V |
| SS401393 | 0 | 2 | IN | SS40029AE | BENZO(A | PYRENE | 50-32-8 | 470 | 470 ug/Kg | Ü | V |
| SS401593 | 0 | 2 | IN | | | | 50-32-8 | 430 | 350 ug/Kg | | A |
| SS401693 | 0 | 2 | IN | SS40032AE | BENZO(A | | 50-32-8 | 360 | 102 ug/Kg | | A |
| SS401893 | 0 | 2 | IN | | | | 50-32-8 | 380 | 150 ug/Kg | | A |
| SS402393 | 0 | 2 | IN | | | | 50-32-8 | 380 | 140 ug/Kg | | A |
| SS402593 | 0 | 2 | | | | | 50-32-8 | 440 | 440 ug/Kg | | v |
| SS402793 | 0 | 2 | | | | | 50-32-8 | 370 | 470 ug/Kg | | Ÿ. |
| SS402893 | 0 | 2 | | | | | 50-32-8 | 350 | 130 ug/Kg | | × |
| SS402993 | 0 | 2 | | | | | 50-32-8 | 340 | 36 ug/Kg | | Â |
| SS403093 | 0 | 2 | - | ·········· | | | 50-32-8 | 700 | 180 ug/Kg | | Â |
| SS403193 | 0 | 2 | | | | | 50-32-8 | 460 | 460 ug/Kg | | ≎ |
| SS403293 | Ö | | | | | | 50-32-8 | 440 | .110 ug/Kg | | |
| SS403393 | 0 | 2 | | | | | 50-32-8 | 630 | | | <u>A</u> |
| SS403393 SS403493 | 0 | 2 | | | | | | | 630 ug/Kg | | V |
| SS403593 | 0 | 2i 2i | | | | · | 50-32-8 | 420 | 420 ug/Kg | | V |
| SS403593 SS403693 | | | | | | | 50-32-8 | 390 | 390 ug/Kg | | V |
| | 0 | 2 | | | | | 50-32-8 | 390 | 200 ug/Kg | | Α |
| SS810893 SS811193 | 0 | 3 | | | | | 50-32-8 | 330 | 210 ug/Kg | | A |
| | 0 | 3 | | | | | 50-32-8 | 330 | 510 ug/Kg | | V |
| SS811493 | 0 | 3; | | | | | 50-32-8 | 330 | 1700 ug/Kg | | V |
| 05093 | 0 | 2 | | | | | 205-99-2 | 360 | 520 ug/Kg | | Z |
| 05193 | 0 | 2 | | | | | 205-99-2 | 380 | 57 ug/Kg | | Α |
| 05393 | . 0 | 2 | | | | | 205-99-2 | 360 | 92 ug/Kg | | Z |
| 40093 | 0 | 2 1 | | | | | 205-99-2 | 480 | 480 ug/Kg | | V |
| 40293 | 0 | 2 | | | | | 205-99-2 | 450 | 450 ug/Kg | U | V |
| 40393 | 0 | 2 | | | | | 205-99-2 | 440 | 70 ug/Kg | | A |
| 40693 | 0 | 2 | | | BENZO(E | | 205-99-2 | 600 | 890 ug/Kg | | J |
| 40793 | 0 | 2 | | | BENZO(B | | 205-99-2 | 590 | 910 ug/Kg | | J |
| 40893 | 0 | 2 | | ····· | | | 205-99-2 | 330 | 400 ug/Kg | | v |
| 40993 | 0 | 2 1 | | | | | 205-99-2 | 390 | 570 ug/Kg | | j |
| 41193 | 0 | 2 | | | | | 205-99-2 | 500 | 270 ug/Kg | | Ä |
| 41293 . | 0 | 2 1 | | | | <u> </u> | 205-99-2 | 740 | 370 ug/Kg | | Â |
| 41593 | 4 | | | | | | 205-99-2 | 350 | 350 ug/Kg | | |
| 41693 | 0 | 2 1 | | | | | 205-99-2 | 450 | 110 ug/Kg | | × |
| <u> </u> | | | | | | , (| _55-55-2 | 450 | i iojug/ng | <u> </u> | |

| | | | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - Or | ganics | 1 | 1 % | 1 * |
|------------------------|----------|--------------|-------------|---|--|----------------------|----------------|--|--------------------|------------|-------------------------|
| LOCATION CODE | START | DEPTH END | UNIT | SAMPLE NUMBER | the state of the s | CAS NO. | | | | LAB RESULT | VALIDATION QUALIFIER |
| 41793 41993 | 0 | | | SS40077AE SS40009AE | | 205-99-2 205-99-2 | 390 400 | · | ug/Kg ug/Kg | | 1 |
| 42093 | | | | | | 205-99-2 | 350 | | ug/Kg | | A |
| 42193 | 4 | | IN | SS40012AE | BENZO(B)FLUORANTHENE | 205-99-2 | 350 | 350 | ug/Kg | U | IV |
| 42293 | 0 | | | | ` | 205-99-2 | 380 | | ug/Kg | | J |
| 42393 42593 | 0 | | | | | 205-99-2 | 360 350 | · | lug/Kg | | iJ IV |
| 42593 | 0 | | | | | 205-99-2 | 520 | | lug/Kg lug/Kg | | A |
| 40000 | 0 | | | | | 205-99-2 | 370 | | ug/Kg | | Α |
| 42993 | 0 | | | | | 205-99-2 | 360 | | ug/Kg | | |
| 43393 | 4 0 | | | | | 205-99-2 | 350 | <u> </u> | ug/Kg | | iV |
| 43493 43693 | 4 | | | | | 205-99-2 205-99-2 | 380 350 | | ug/Kg ug/Kg | | I) |
| 43793 | 0 | | - | | | 205-99-2 | 380 | | ug/Kg | | A |
| 43893 | 0 | | | | · | 205-99-2 | 400 | 230 | ug/Kg | JX | A |
| 43993 | 0 | | | | | 205-99-2 | 380 | | ug/Kg | | V |
| 44093 | 0 | | | | | 205-99-2 205-99-2 | 400 380 | | ug/Kg ug/Kg | | A |
| 44893 | 0 | | | | | 205-99-2 | 440 | | ug/Kg | | Ĵ |
| 45693 | 0 | | | | | 205-99-2 | 480 | | ug/Kg | | A |
| 45793 | 0 | | | | | 205-99-2 | 500 | | lug/Kg | | J |
| 46193 46693 | 0 | | | | | 205-99-2 205-99-2 | 420 330 | | ug/Kg | | A V |
| 46793 | 4 | | | ···· | | 205-99-2 | 330 | | ug/Kg ug/Kg | | V |
| 46893 | 4 | | | | | 205-99-2 | 330 | | ug/Kg | | v |
| 47093 | 0 | | | | | 205-99-2 | 330 | 370 | lug/Kg | U | V |
| SS400293 | 0 | | | | | 205-99-2 | 460 | | ug/Kg | | A |
| SS400393 SS400593 | 0 | | | | | 205-99-2 205-99-2 | 350 340 | | ug/Kg ug/Kg | | J A |
| SS400693 | 0 | | | | | 205-99-2 | 360 | ······································ | ug/Kg | | iA |
| SS400793 | 0 | | IN | SS40023AE | BENZO(B)FLUORANTHENE | 205-99-2 | 380 | | ug/Kg | | Α |
| \$\$400893 | 0 | | | | | 205-99-2 | 460 | | ug/Kg | | Α |
| SS401193 SS401293 | 0 | | | | | 205-99-2 205-99-2 | 480 360 | | ug/Kg | | IA |
| SS401393 | 0 | | | | | 205-99-2 | 470 | | ug/Kg ug/Kg | | V |
| S\$401593 | 0 | | | | | 205-99-2 | 430 | | ug/Kg | | J |
| SS401693 | 0 | | | | | 205-99-2 | 360 | | ug/Kg | | Α |
| S\$401893 | 0 | | | | | 205-99-2 | 380 | | ug/Kg | | A |
| SS402393 SS402593 | 0 | | | | | 205-99-2 205-99-2 | 380 440 | | ug/Kg ug/Kg | | IA IV |
| \$8402793 | 0 | | | , | | 205-99-2 | 370 | | ug/Kg | | V |
| S\$402893 | 0 | | | SS40044AE | | 205-99-2 | 350 | | ug/Kg | J | A |
| S\$402993 | 0 | | | | | 205-99-2 | 340 | | ug/Kg | | Α |
| SS403093 SS403193 | 0 | | | | | 205-99-2 205-99-2 | 700 460 | | ug/Kg ug/Kg | | A V |
| S\$403293 | 0 | | | | | 205-99-2 | 440 | | ug/Kg | | A |
| SS403393 | 0 | | | | | 205-99-2 | 630 | | ug/Kg | | A |
| SS403493 | 0 | | · | | | 205-99-2 | 420 | | ug/Kg | | A |
| SS403593 | 0 | | | | | 205-99-2 | 390 | | ug/Kg | | A |
| SS403693 SS810893 | 0 | | | | | 205-99-2 205-99-2 | 390 330 | | ug/Kg ug/Kg | | A |
| SS811193 | 0 | | | | | 205-99-2 | 330 | | ug/Kg | | v . |
| ŞS811493 | 0 | | | | | 205-99-2 | 330 | 2400 | ug/Kg | | V |
| 05093 | 0 | | | | | 191-24-2 | 360 | | ug/Kg | | Z |
| 05193 05393 | 0 | | | | | 191-24-2 191-24-2 | 380 360 | | ug/Kg ug/Kg | | J Z |
| 40093 | o | | | | | 191-24-2 | 480 | | ug/Kg | | V |
| 40293 | 0 | | | *************************************** | | 191-24-2 | 450 | | ug/Kg | | v |
| 40393 | 0 | | | | | 191-24-2 | 440 | | ug/Kg | | V |
| 40693 | 0 | | | | | 191-24-2 | 600 | 410 | ug/Kg | | A |
| 40793 40893 | 0 | | | | | 191-24-2 191-24-2 | 590 330 | | ug/Kg ug/Kg | | A V |
| 40993 | 0 | | | | | 191-24-2 | 390 | | ug/Kg | | A |
| 41193 | 0 | | | SS40007AE | | 191-24-2 | 500 | | ug/Kg | | Α |
| 41293 | 0 | | | | | 191-24-2 | 740 | | ug/Kg | | J |
| 41593°. | 4! 0! | | | | | 191-24-2 191-24-2 | 350 450 | | ug/Kg ug/Kg | | V |
| 41793 | 0 | | | | | 191-24-2 | 450 390 | | ug/Kg | | A |
| 41993 | · 0 | 2 | IN | SS40009AE | | 191-24-2 | 400 | | ug/Kg | | |
| 42093 | 0 | | | S\$40480AE | BENZO(GHI)PERYLENE | 191-24-2 | 350 | 350 | ug/Kg | U | ٧ |
| 42193 42293 | 4 | | | | | 191-24-2 | 350 | | ug/Kg | | V . |
| 42293 42393 | 0 | | | | | 191-24-2 191-24-2 | 380) 360 | | ug/Kg i ug/Kg i | | J A |
| 42593 | 4 | | | | | 191-24-2 | 350 | | ug/Kg | | <u> </u> |
| 42693 | 0 | 2 | IN | SS40080AE | BENZO(GHI)PERYLENE | 191-24-2 | 520 | | ug/Kg | U | J |
| 42993 | 0 | | | SS40056AE | BENZO(GHI)PERYLENE | 191-24-2 | 370 | 55 | ug/Kg | J | A |
| 43193 | 0 | | | | | 191-24-2 | 360 | | ug/Kg | | |
| 43393 | 4 | 6 | IN I | S\$40087AE | BENZO(GHI)PERYLENE | 191-24-2 | 350 | 350 | ug/Kg | U i | <u>V</u> |

| (· (5) | | | . 32 | 3 - 2 - 4 - 5 | Evaporation Ponds AOC - Analytical Res | | 3 5 5 | ₹ (| C 1 3. 3. 4 | 15 |
|------------------------|-----------------|--|---|--|--|----------------------|----------------|----------------------|--------------------|------------|
| LOCATION | DEPTH START | | LINIT | SAMPLE NUMBER | ANALYTE | CAS NO. | DETECTION & RE | SULT UN | | VALIDATION |
| 43493 | ارا حجرادي 0 | A war work has mad her to | Mary water that | | BENZO(GHI)PERYLENE | 191-24-2 | 380 | 380 ug/l | | J |
| 43693 | 4 | 6 | IN | SS40089AE | BENZO(GHI)PERYLENE | 191-24-2 | 350 | 350 ug/l | (g U | V |
| 43793 | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | BENZO(GHI)PERYLENE | 191-24-2 | 380 | 54 ug/l | | !A |
| 43893 43993 | 0 | *************************************** | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 | 400 380 | 87 ug/l 380 ug/l | | ·A |
| 44093 | 0 | | | | | 191-24-2 | 400 | 400 ug/l | | |
| 44393 | 0 | | | | | 191-24-2 | 380 | 81 ug/l | | iA. |
| 44893 | 0 | | | | | 191-24-2 | 440 | 440 ug/l | | įJ |
| 45693 | 0 | | | | | 191-24-2 | 480 | 160 ug/l | | IA IV |
| 45793 46193 | 0 | | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 191-24-2 | 500 420 | 500 ug/l 420 ug/l | | V |
| 46693 | 4 | | | | BENZO(GHI)PERYLENE | 191-24-2 | 330 | 360 ug/ | | V |
| 46793 | 4 | | IN | SS40142AE | BENZO(GHI)PERYLENE | 191-24-2 | 330 | 360 ug/l | | įV |
| 46893 | 4 | | | | BENZO(GHI)PERYLENE | 191-24-2 | 330 | 370 ug/l | | [V |
| 47093 SS400293 | 0 | | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 | 330 | 370 ug/l | | IV IA |
| SS400293 | 0 | | | | BENZO(GHI)PERYLENE | 191-24-2 | 350 | 110 ug/l 210 ug/l | | A |
| SS400593 | O | | | | BENZO(GHI)PERYLENE | 191-24-2 | 340 | 70 ug/l | | A |
| SS400693 | O | | | | BENZO(GHI)PERYLENE | 191-24-2 | 360 | 360 ug/l | (g U | iJ |
| SS400793 | 0 | | | | | 191-24-2 | 380 | 380 ug/l | | !V |
| SS400893 SS401193 | 0 | | | | | 191-24-2 | 460 | 58 ug/l | | IA IV |
| SS401193 SS401293 | 0 | | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 191-24-2 | 360 | 480 ug/l 360 ug/l | | IV IV |
| SS401293 | 0 | | | | BENZO(GHI)PERYLENE | 191-24-2 | 470 | 470 ug/l | | V V |
| SS401593 | 0 | 2 | | SS40031AE | BENZO(GHI)PERYLENE | 191-24-2 | 430 | 240 ug/l | | A |
| S\$401693 | 0 | | | | BENZO(GHI)PERYLENE | 191-24-2 | 360 | 80 ug/l | | A |
| SS401893 | 0 | | | | BENZO(GHI)PERYLENE | 191-24-2 | 380 | 130 ug/l | | A |
| SS402393 SS402593 | 0. 0 | | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 191-24-2 | 380 440 | 76 ug/l 440 ug/l | | N N |
| SS402393 | 0 | | | | | 191-24-2 | 370 | 330 ug/l | | A |
| SS402893 | 0 | | | | | 191-24-2 | 350 | 140 ug/h | | A |
| SS402993 | 0 | 2 | IN | | BENZO(GHI)PERYLENE | 191-24-2 | 340 . | 340 ug/l | | V |
| SS403093 | 0 | | | | | 191-24-2 | 700 | 130 ug/l | | IA |
| SS403193 | 0 | | | | | 191-24-2 | 460 | 460 ug/l | | ĮV |
| SS403293 SS403393 | 0 | | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 191-24-2 | 630 | 84 ug/l 630 ug/l | | A V |
| SS403493 | o | | | ······································ | | 191-24-2 | 420 | 420 ug/l | | īv |
| SS403593 | O | 2 | IN | | | 191-24-2 | 390 | 390 ug/l | | IV |
| SS403693 | 0 | | | | | 191-24-2 | 390 | 170 ug/l | | A |
| SS810893 | 0 | | | | | 191-24-2 | 330 | 130 ug/l | | A |
| SS811193 SS811493 | 0 | | *************************************** | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 191-24-2 | 330 | 170 ug/l 680 ug/l | | V |
| 05093 | 0 | | | | BENZO(K)FLUORANTHENE | 207-08-9 | 360 | 620 ug/l | | Z |
| 05193 | 0 | | *************************************** | | BENZO(K)FLUORANTHENE | 207-08-9 | 380 | 44 ug/k | | A |
| 05393 | 0 | | | | BENZO(K)FLUORANTHENE | 207-08-9 | 360 | 110 ug/l | | Z |
| 40093 | 0 | | | | | 207-08-9 | 480 | 480 ug/h | | ĮV |
| 40293 40393 | 0 | | | | | 207-08-9 207-08-9 | 450 440 | 450 ug/l 85 ug/l | | A |
| 40693 | 0 | | | | | 207-08-9 | 600 | 1100 ug/k | | 13 |
| 40793 | o | | | | | 207-08-9 | 590 | 1100 ug/h | | J |
| 40893 | 0 | | | | BENZO(K)FLUORANTHENE | 207-08-9 | 330 | 400 ug/k | | V |
| 40993 | 0 | | | | | 207-08-9 | 390 | 700 ug/l | | J |
| 41193 41293 | 0 | | | | | 207-08-9 207-08-9 | 740 | 330 ug/h 460 ug/h | | A |
| 41593. | 4 | | | | | 207-08-9 | 350 | 350 ug/h | | V |
| 41693 | 0 | | IN | S\$40410AE | | 207-08-9 | 450 | 140 ug/h | | A |
| 41793 | 0 | | | SS40077AE | BENZO(K)FLUORANTHENE | 207-08-9 | 390 | 180 ug/k | g JX | |
| 41993 | 0 | | | | | 207-08-9 | 400 | 280 ug/l | | ļ <u>.</u> |
| 42093 42193 | 0 | | | | | 207-08-9 | 350 | 59 ug/k | | A V |
| 42293 | 4 0 | | | | | 207-08-9 | 350 | 350 ug/l 380 ug/l | | iJ |
| 42393 | 0 | | | | | 207-08-9 | 360 | 450 ug/l | | J |
| 42593 | 4 | 6 | IN | SS40082AE | BENZO(K)FLUORANTHENE | 207-08-9 | 350 | 350 ug/k | | v |
| 42693 | 0 | | | | | 207-08-9 | 520 | 150 ug/k | g JX | A |
| 42993 | 0 | | | | | 207-08-9 | 370 | 150 ug/h | | Α |
| 43193 43393 | 0 4 | | | | | 207-08-9 207-08-9 | 360 | 100 ug/h 350 ug/h | | V |
| 43493 | 0 | | | | | 207-08-9 | 380 | 380 ug/F | | IJ |
| 43693 | 4 | | | | | 207-08-9 | 350 | 350 ug/k | gU | v |
| 43793 | 0 | 2 | IN | SS40088AE | BENZO(K)FLUORANTHENE | 207-08-9 | 380 | 130 ug/h | (g JX | Α |
| 43893 | 0 | | | | | 207-08-9 | 400 | 220 ug/k | | Α |
| 43993 | 0, | | | | | 207-08-9 | 380 | 380 ug/h | | IV |
| 44093 44393 | 0 | | | | | 207-08-9 207-08-9 | 380 | 400 ug/h | | (A |
| 44893 | 0 | | | | | 207-08-9 | 440 | 440 ug/h | | J |
| 45693 | 0 | | | | | 207-08-9 | 480 | 340 ug/h | | A |
| 45793 | 0 | 2 | IN | SS40015AE | BENZO(K)FLUORANTHENE | 207-08-9 | 500 | 970 ug/k | gX | J |
| 46193 | 0 | 2 | IN | SS40096AE | BENZO(K)FLUORANTHENE | 207-08-9 | 420 | 170 ug/k | a JX | A |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics * So Low Story 10 10 40 W. * * - 12 Sec. 1886 80 ing is 🕰 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION ANALYTE BENZO(K)FLUORANTHENE RESULT UNITS QUALIFIER QUALIFIER CODE START END UNIT SAMPLE NUMBER CAS NO. LIMIT 46693 SS40141AE 207-08-9 6 IN 330 360 ug/Kg | U 46793 4 6:IN SS40142AE BENZO(K)FLUORANTHENE 207-08-9 330 360 ug/Kg | U 46893 4 6IIN SS40143AF BENZO(K)FLUORANTHENE 207-08-9 330 370 ug/Kg | U 47093 0 11 IN ISS40145AF BENZO(K)FLUORANTHENE 207-08-9 330 370 ug/Kg | U SS400393 0 2IIN SS40019AE BENZO(K)FLUORANTHENE 207-08-9 350 430 ug/Kg | X ISS40021AF BENZO(K)FLUORANTHENE SS400593 0 21IN 207-08-9 340 42 ug/Kg | J SS400693 SS40022AE BENZO(K)FLUORANTHENE 0 211N 1207-08-9 360 78 ug/Kg | JX A SS400893 SS40024AF BENZO(K)FLUORANTHENE ō 207-08-9 211N 460 110 ug/Kg JX 2 IN SS401193 SS40027AE 0 BENZO(K)FLUORANTHENE 207-08-9 480 86 ug/Kg | JX A S\$40028AE BENZO(K)FLUORANTHENE SS401293 2 IN 207-08-9 0 360 360 ug/Kg | U $\overline{\mathbf{v}}$ SS401393 2 IN SS40029AE BENZO(K)FLUORANTHENE 207-08-9 Õ 470 īV 470 ug/Kg U SS401693 0 SS40032AE BENZO(K)FLUORANTHENE 207-08-9 2 IN 360 210 ug/Kg |JX !A SS401893 ō SS40034AE BENZO(K)FLUORANTHENE 207-08-9 380 300 ug/Kg ;JX IA BENZO(K)FLUORANTHENE SS402393 0 SS40039AE 207-08-9 380 240 ug/Kg JX IA SS402593 SS40041AE BENZO(K)FLUORANTHENE O 2IIN 207-08-9 440 440 ug/Kg U īV SS402793 SS40043AE BENZO(K)FLUORANTHENE 0 207-08-9 370 280 ug/Kg !J ŀΑ SS402893 0 2 IN SS40044AE BENZO(K)FLUORANTHENE 207-08-9 81 ug/Kg J 350 IA SS402993 0 2IIN SS40045AE BENZO(K)FLUORANTHENE 207-08-9 340 32 ug/Kg JX ŀΑ SS403093 0 2|IN SS40046AE BENZO(K)FLUORANTHENE 207-08-9 110 ug/Kg | J V SS403193 O 2 IN SS40047AE BENZO(K)FLUORANTHENE 207-08-9 460 460 ug/Kg U SS403293 0 2 IN S\$40048AE BENZO(K)FLUORANTHENE 207-08-9 440 75 ug/Kg J IA SS403393 C 2||N SS40049AE BENZO(K)FLUORANTHENE 207-08-9 630 110 ug/Kg JX 420 SS403493 n 2 11 SS40050AE BENZO(K)FLUORANTHENE 207-08-9 62 ug/Kg JX A SS403593 207-08-9 0 21IN SS40051AF BENZO(K)FLUORANTHENE 390 50 ug/Kg |JX SS403693 0 2IIN SS40052AE BENZO(K)FLUORANTHENE 207-08-9 390 130 ug/Kg | J SSG0102.JF SS810893 3 IN 0 BENZO(K)FLUORANTHENE 207-08-9 330 90 ug/Kg J S\$811193 0 3 IN ISSG0105JE BENZO(K)FLUORANTHENE 207-08-9 330 250 ug/Kg J 0 SS811493 BENZO(K)FLUORANTHENE 3IIN ISSG0108JE 207-08-9 330 780 ug/Kg 05093 0 2IIN SS00002AE BENZOIC ACID 65-85-0 1800 1800 ug/Kg U 17 05193 0 2 IN SS00003AE BENZOIC ACID 65-85-0 1900 1900 ug/Kg | U TV 05393 0 SS00005AE BENZOIC ACID 2IIN 165-85-0 1800 1800 ug/Kg | U 17 40093 0 BENZOIC ACID 2|1N SS40060AE 65-85-0 2400 2400 ug/Kg | U 40293 0 SS40042AE BENZOIC ACID 2!IN 65-85-0 2200 2200 ug/Kg | U IV SS40053AE 40393 O BENZOIC ACID 2 IN 65-85-0 2200 2200 ug/Kg | U 40693 0 SS40057AF BENZOIC ACID 65-85-0 3000 3000 ug/Kg | U īv 40793 0 SS40058AE BENZOIC ACID 65-85-0 2900 2900 ug/Kg | U 40893 SS40004AE BENZOIC ACID 65-85-0 1600 1900 ug/Kg | U IV Ō SS40072AE 40993 2 IN BENZOIC ACID 65-85-0 2000 2000 ug/Kg | U SS40007AE 41193 ō BENZOIC ACID 65-85-0 2500 2500 ug/Kg U īV 41293 0 2 IN SS40071AE BENZOIC ACID 65-85-0 3700 3700 ug/Kg | U 41693 Ö 2IIN SS40410AE BENZOIC ACID 65-85-0 2200 2200 ug/Kg | U 41793 0 2 IN SS40077AE BENZOIC ACID 65-85-0 1900 1900 ug/Kg | U 41993 0 2 IN SS40009AE BENZOIC ACID 65-85-0 2000 ug/Kg U 42093 O 2 IN SS40480AE BENZOIC ACID 65-85-0 1700 1700 ug/Kg | U 42293 n 2 IN SS40078AF BENZOIC ACID 65-85-0 1900 1900;ug/Kg | U O 42393 21IN SS40079AF BENZOIC ACID 65-85-0 1800 ug/Kg U 1800 BENZOIC ACID 42693 0 2 IN !SS40080AE 65-85-0 2600 ug/Kg | U 2600 0 42993 43193 2 IN ISS40056AF BENZOIC ACID 65-85-0 1800 1800 ug/Kg | U BENZOIC ACID 0 211N ISS40084AE 65-85-0 1800 1800 ug/Kg | U 43493 SS40086AP BENZOIC ACID 2IIN 65-85-0 1900 1900 ug/Kg U 43793 0 2IIN SS40088AE BENZOIC ACID 65-85-0 1900 1900 ug/Kg | U 43893 0 SS40010AF 2 IN BENZOIC ACID 65-85-0 2000 2000 ug/Kg | U V 43993 SS40091AE 0 2 IN BENZOIC ACID 65-85-0 1900 1900 ug/Kg U 44093 0 SS40090AE BENZOIC ACID 2 IN 65-85-0 2000 2000 ug/Kg | U 44393 0 2 IN SS40005AE BENZOIC ACID 65-85-0 1900 1900 ug/Kg | U 44893 SS40070AE BENZOIC ACID 2 IN 65-85-0 2200 2200 ug/Kg | U V 45693 SS40094AE BENZOIC ACID 65-85-0 2400 2400 ug/Kg U īV 45793 ō SS40015AE BENZOIC ACID 65-85-0 2500 2500 ug/Kg U V 46193 0 SS40096AE BENZOIC ACID 2 IN 65-85-0 2100 2100 ug/Kg | U ĪV 46693 SS40141AE BENZOIC ACID 65-85-0 1800 ug/Kg | U 1600 IV 46793 4 BENZOIC ACID 6 IN SS40142AE 1800 ug/Kg | U 65-85-0 1600 īV 46893 BENZOIC ACID 6 IN SS40143AE 65-85-0 1600 1800 ug/Kg | U IV 47093 ō 1IIN SS40145AE BENZOIC ACID 65-85-0 1600 1800|ug/Kg | U V SS400293 Õ 2IIN SS40018AE BENZOIC ACID 65-85-0 2300 2300 ug/Kg | U 2 IN SS400393 0 SS40019AE BENZOIC ACID 65-85-0 1700 1700 ug/Kg | U SS400593 0 2 IN SS40021AE BENZOIC ACID 1700 ug/Kg | U 55400693 0 2 IN SS40022AE BENZOIC ACID 65-85-0 1800 ug/Kg | U SS400793 0 21N SS40023AE BENZOIC ACID 65-85-0 1900 1900|ug/Kg | U SS400893 0 2IIN SS40024AE BENZOIC ACID 65-85-0 2300 2300 ug/Kg | U IV SS401193 O 2! IN ISS40027AF BENZOIC ACID 65-85-0 2400 ug/Kg | U 2400 SS401293 SS40028AF BENZOIC ACID 1800 ug/Kg | U 0 2 IN 65-85-0 1800 SS401393 ō SS40029AF 2! IN BENZOIC ACID 65-85-0 2400 2400 ug/Kg | U īV SS401593 SS40031AE BENZOIC ACID 0 2!IN 65-85-0 2200 2200 ug/Kg | U IV SS401693 0 2 IN SS40032AE BENZOIC ACID 65-85-0 1800 1800 ug/Kg U V SS401893 SS40034AE BENZOIC ACID 0 2 IN 165-85-0 1900 1900|ug/Kg | U īv SS402393 0 2 IN SS40039AE BENZOIC ACID 65-85-0 1900 1900 ug/Kg U ١v SS402593 SS40041AE BENZOIC ACID 65-85-0 2200 ug/Kg U 2200 V SS402793 SS40043AE BENZOIC ACID 165-85-0 1800 1800 ug/Kg | U

| | | · · · · · · · · · · · · · · · · · · · | | | Evaporation Ponds AOC - Analytical Res | | face Soils - Or | ganics | la ansar | 1 (2) | |
|--------------------------|--------|--|-------------|--|--|----------------------|-----------------|--------|--------------------|------------|-------------------------|
| LOCATION CODE | START | END | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | | RESULT | Î UNITS | LAB RESULT | VALIDATION QUALIFIER |
| SS402893 SS402993 | 0 | | | SS40044AE SS40045AE | BENZOIC ACID BENZOIC ACID | 65-85-0 65-85-0 | 1800 | | ug/Kg | | V |
| 5S403093 | 0 | | | SS40046AE | · · · · · · · · · · · · · · · · · · · | 65-85-0 | 3500 | | ug/Kg ug/Kg | | V |
| \$5403193 | 0 | | | | BENZOIC ACID | 65-85-0 | 2300 | | ug/Kg | | V |
| SS403293 | 0 | | | SS40048AE | | 65-85-0 | 2200 | | ug/Kg | | ٧ |
| \$\$403393 \$\$403493 | 0 | | | | | 165-85-0 | 3100 | | ug/Kg | | ٧ |
| SS403493 SS403593 | 0 | | | SS40050AE SS40051AE | BENZOIC ACID BENZOIC ACID | 65-85-0 65-85-0 | 2100 | | ug/Kg ug/Kg | | V V |
| SS403693 | Ö | | | · | BENZOIC ACID | 65-85-0 | 1900 | | ug/Kg | | V |
| SS810893 | 0 | ***** | | SSG0102JE | BENZOIC ACID | 65-85-0 | 1600 | 1700 | ug/Kg | U | V |
| SS811193 | 0 | | | | BENZOIC ACID | 65-85-0 | 1600 | | ug/Kg | | V |
| SS811493 05093 | 0 | | | | BENZOIC ACID BENZYL ALCOHOL | 65-85-0 100-51-6 | 1600 | | ug/Kg ug/Kg | | V Z |
| 05193 | 0 | | | SS00002AE | BENZYL ALCOHOL | 100-51-6 | 380 | | ug/Kg | | V |
| 05393 | 0 | | | **** | BENZYL ALCOHOL | 100-51-6 | 360 | | ug/Kg | | Ż |
| 40093 | 0 | | | | | 100-51-6 | 480 | | ug/Kg | | V |
| 40293. | 0 | | | | BENZYL ALCOHOL | 100-51-6 | 450 | | ug/Kg | | V |
| 40393 40693 | 0 | | | | BENZYL ALCOHOL | 100-51-6 | 440 | | ug/Kg | | V |
| 40793 | 0 | | | SS40057AE SS40058AE | BENZYL ALCOHOL BENZYL ALCOHOL | 100-51-6 100-51-6 | 600 590 | | ug/Kg ug/Kg | | V |
| 40893 | 0 | | | | BENZYL ALCOHOL | 100-51-6 | 330 | | ug/Kg | | v |
| 40993 | 0 | 2 | IN . | SS40072AE | BENZYL ALCOHOL | 100-51-6 | 390 | 390 | ug/Kg | U | v · |
| 41193 | 0 | | | | | 100-51-6 | 500 | 500 | ug/Kg | υ | A |
| 41293 41693 | 0 | | | | | 100-51-6 | 740 | | ug/Kg | | V |
| 41693 | 0 | | | | BENZYL ALCOHOL BENZYL ALCOHOL | 100-51-6 100-51-6 | 450 390 | | ug/Kg ug/Kg | | V |
| 41993 | 0 | | | ······································ | | 100-51-6 | 400 | | ug/Kg ug/Kg | | ····· |
| 42093 | 0 | | IN | SS40480AE | | 100-51-6 | 350 | | ug/Kg | | V |
| 42298 | 0 | | | | | 100-51-6 | 380 | | ug/Kg | | J |
| 42393 | 0 | | | | | 100-51-6 | 360 | | ug/Kg | | V |
| 42693 42993 | 0 | | | | BENZYL ALCOHOL BENZYL ALCOHOL | 100-51-6 | 520 | | ug/Kg | | 7 |
| 43193 | 0 | | | | | 100-51-6 100-51-6 | 370 360 | | ug/Kg ug/Kg | | <u>V</u> |
| 43493 . | 0 | | | | | 100-51-6 | 380 | | ug/Kg | | J |
| 43793 | 0 | 2 | | | | 100-51-6 | 380 | | ug/Kg | | v |
| 43893 | 0 | | | | | 100-51-6 | 400 | | ug/Kg | | V |
| 43993 44093 | 0 | | | | | 100-51-6 | 380 | | ug/Kg | | V |
| 44393 | 0 | | | | | 100-51-6 100-51-6 | 400 380 | | ug/Kg | | v |
| 44893 | 0 | | | ···· | | 100-51-6 | 440 | | ug/Kg ug/Kg | | <u>v</u> |
| 45693 | 0 | | IN | SS40094AE | BENZYL ALCOHOL | 100-51-6 | 480 | | ug/Kg | | v · |
| 45793 | 0 | | | | | 100-51-6 | 500 | | ug/Kg | | V |
| 46193 46693 | 0 4 | ~~ | | | | 100-51-6 | 420 | | ug/Kg | | V |
| 46793 | 4 | | | | | 100-51-6 100-51-6 | 330 330 | | ug/Kg | | V |
| 46893 | 4 | | | | ······································ | 100-51-6 | 330 | | ug/Kg ug/Kg | | v V |
| 47093 | 0 | 1 | | | | 100-51-6 | 330 | | ug/Kg | | · |
| SS400393 | 0 | | | | | 100-51-6 | 350 | | ug/Kg | | V |
| SS400593 SS400693 | 0 | | | | | 100-51-6 | 340 | | ug/Kg | | V |
| SS400693 | 0 | | | | | 100-51-6 100-51-6 | 360 380 | | ug/Kg | | V |
| SS400893 | 0 | | | ······································ | | 100-51-6 | 460 | | ug/Kg ug/Kg | | V V |
| S\$401193 | 0 | | IN | SS40027AE | | 100-51-6 | 480 | 480 | ug/Kg | U | · |
| SS401293 | 0 | 2 | | | | 100-51-6 | 360 | 360 | ug/Kg | U i | Ÿ |
| SS401393 SS401693 | 0 | | | | BENZYL ALCOHOL | 100-51-6 | 470 | | ug/Kg | | V. |
| SS401693 | 0 | 2 | | | | 100-51-6 100-51-6 | 360 | | ug/Kg | | V |
| SS402393 | 0 | 2 | | | | 100-51-6 | 380 380 | | ug/Kg ug/Kg | | V V |
| SS402593 | 0 | 2 | | | | 100-51-6 | 440 | | ug/Kg | | <u>v</u> V |
| SS402793 | 0 | . 2 | | | BENZYL ALCOHOL | 100-51-6 | 370 | | ug/Kg | | Ÿ |
| SS402893 | 0 | 2 | | | | 100-51-6 | 350 | | ug/Kg | | V |
| SS402993 SS403093 | 0 | 2 | | | | 100-51-6 | 340 | | ug/Kg | | V |
| SS403193 | 0 | 2 | | | | 100-51-6 100-51-6 | 700 460 | | ug/Kg i ug/Kg i | | v V |
| SS403293 | 0 | 2 | IN . | SS40048AE | BENZYL ALCOHOL | 100-51-6 | 440 | | ug/Kg | | <u>v</u> V |
| SS408393 | 0 | 2 | | SS40049AE | BENZYL ALCOHOL | 100-51-6 | 630 | | ug/Kg | | V |
| SS403493 SS403593 | 0 | 2 | | | | 100-51-6 | 420 | | ug/Kg | | V |
| SS403593 SS403693 | 0 | 2 | | | | 100-51-6 100-51-6 | 390 | | ug/Kg | | V |
| SS810893 | 0 | 3 | | | | 100-51-6 | 390 330 | | ug/Kg ug/Kg | | <u>/</u> |
| SS811193 | O O | 3 | | | | 100-51-6 | 330 | | ug/Kg : | | <u>v</u> |
| SS811493 | 0 | 3 | IN : | SSG0108JE | BENZYL ALCOHOL | 100-51-6 | 330 | | ug/Kg | | |
| 05193 | 0 | 2 | | | BETA-BHC | 319-85-7 | 9 | 9 i | ug/Kg ⊹ | U | V |
| 05393 | 0 | 2 | | | | 319-85-7 | 8.7 | | ug/Kg | | Z |
| 10093 10293 | 0 | 2 | | | | 319-85-7 | 111 | | ug/Kg | | / |
| | | | | | | 319-85-7 | 11 | 11:1 | ug/Kg ug/Kg | | <u>/</u> |
| 10393 | 0 | 2 | 114 | 334UU33AE | DEIA-DAC ' | 319-85-7 | 11 | | | | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics * 10 A 10 3 LOCATION DEPTH DEPTH ÷ 1 4.2 LAB RESULT VALIDATION DETECTION START END UNIT SAMPLE NUMBER CODE CAS NO. ANALYTE LIMIT RESULT UNITS QUALIFIER QUALIFIER 40793 SS40058AF BETA-BHC 0 2IIN 319-85-7 14 14 ug/Kg | U 40893 SS40004AE 0 2IIN BETA-BHC 319-85-7 8 9.6 ug/Kg | U īV 40993 0 2IN SS40072A BETA-BHC 319-85-7 9.4 9.4 ug/Kg | U IV 41193 SS40007AE 2 IN BETA-BHC O 1319-85-7 12 12 ug/Kg | U IV 41293 2 IN SS40071AE 0 BETA-BHC 319-85-7 18 18 ug/Kg U īV 41593 SS40073AE 6IIN BETA-BHC 319-85-7 84 8.4 ug/Kg | U ĪV 41693 O 2!IN SS40410AE BETA-BHC 319-85-7 11 11 ug/Kg U ΙV 0 2:IN SS40077AE BETA-BHC 319-85-7 9.3 9.3|ug/Kg |U IV 41993 2 IN S\$40009AE BETA-BHC 1319-85-7 īv 9.5 9.5 ug/Kg | U 42093 SS40480AE BETA-BHC 319-85-7 8.3 8.3 ug/Kg ±U v 42193 SS40012A BETA-BHO 319-85-7 8.3 ug/Kg | U 8.3 IJ 42393 ISS40079AE BETA-BHO 319-85-7 8.6 ug/Kg | U 8.6 IV BETA-BHO 42693 0 2 IN ISS40080AE 319-85-7 13 13 ug/Kg | U 42993 0 S\$40056AE 2:IN BETA-BHO 319-85-7 8.9 8.9 ug/Kg | U ĪV 43393 4 6IN SS40087AE BETA-BHC 8.4 8.4 ug/Kg U 43693 4 6IIN SS40089AE BETA-BHO 319-85-7 8.4 8.4 ug/Kg | U 2IN 319-85-7 43793 O SS40088AE BETA-BHC 9.1 ug/Kg | U 43893 0 2:IN SS40010AE BETA-BHC 319-85-7 9.6 9.6 ug/Kg | U 43993 0 2/IN SS40091AE BETA-BHC 1319-85-7 9.2 9.2 ug/Kg | U 44093 0 2 IN ISS40090AF BETA-BHC 319-85-7 9.6 9.6 ug/Kg | U 44393 0 2 IN ISS40005AF BETA-BHC 319-85-7 V 9 9 ug/Kg |U 44893 0 2 IN ISS40070AF BETA-BHC 319-85-7 10 10 ug/Kg U 45693 Oi SS40094AF 21IN BETA-BHC 319-85-7 11 11 ug/Kg U īv 45793 2 IN SS40015AF 0 BETA-BHC 319-85-7 12 12 ug/Kg | U 46193 SS40096AE 0 2IIN BETA-BHC 319-85-7 10 10 ug/Kg U iv 46693 6IIN ISS40141AE BETA-BHO 4 319-85-7 8 8.7 ug/Kg U 46793 S\$40142AE 4 6 IN BETA-BHC 319-85-7 8 8.9 ug/Kg | U īv 46893 SS40143AE 6'IN BETA-BHC 1319-85-7 8 8.9|ug/Kg | U IV 47093 SS40145AE BETA-BHC 319-85-7 8 9.1 ug/Kg | U V SS400293 0 2 IN SS40018AE BETA-BHC 1319-85-7 11 11 ug/Kg | U V SS400393 SS40019AE BETA-BHC 1319-85-7 8.3 8.3 ug/Kg | U īv SS400593 0 SS40021AE BETA-BHC 319-85-7 8.2 8.2 ug/Kg | U īV SS400693 0 2 IN SS40022AE BETA-BHC 319-85-7 8.7 8.7 ug/Kg U IV SS400793 0 SS40023AE 2 IN BETA-BHC 319-85-7 9.1 9.1 ug/Kg | U īV SS400893 0 2 IN SS40024AE BETA-BHC 319-85-7 11 11 ug/Kg U SS401193 0 2 IN SS40027AE BETA-BHC 12 319-85-7 12 ug/Kg U IV S\$401293 ō 2IIN SS40028AE BETA-BHC 319-85-7 8.7 8.7 ug/Kg | U īV SS401393 n 2 IN SS40029AE BETA-BHC 319-85-7 11 11 ug/Kg iU IV SS401593 Ō 2IIN SS40031AE BETA-BHO 319-85-7 10 10 ug/Kg U IV SS401693 ō 2 IN SS40032AF BETA-BHC 319-85-7 8.5 8.5 ug/Kg U ĪV BETA-BHC SS#01893 0 2 IN SS40034AE 319-85-7 9 ug/Kg | U SS402393 0 2 IN ISS40039AE BETA-BHC 319-85-7 9.2 V 9.2 ug/Kg | U SS402593 0 2 IN SS40041AE BETA-BHC 1319-85-7 11 11 ug/Kg U SS402793 0 2 IN SS40043AE BETA-BHC 8.8 319-85-7 8.8 ug/Kg | U IV SS402893 O 21IN SS40044AF BETA-BHC 319-85-7 8.5 8.5|ug/Kg |U SS402993 0 2 IN :SS40045AF BETA-BHC 319-85-7 8.2 8.2 ug/Kg U SS403093 0 SS40046AE 2 IN BETA-BHC 319-85-7 v 17 17 ug/Kg U SS403193 SS40047AF 0 2 IN BETA-BHC 319-85-7 11 11 ug/Kg U V 0 SS403293 ISS40048AE 11 ug/Kg IU 2 IN BETA-BHC 1319-85-7 11 SS403393 0 S\$40049AE 2 IN BETA-BHC 319-85-7 15 15 ug/Kg U īv SS403493 0 SS40050AE 2 IN BETA-BHC 319-85-7 10 10 ug/Kg |U V SS403593 O 2IIN SS40051AE BETA-BHC 1319-85-7 9.4 9.4 ug/Kg U V SS403693 0 SS40052AE BETA-BHC 319-85-7 9.4 9.4 ug/Kg U V SS606292 O SS60062WC BETA-BHC 319-85-7 8 9 ug/Kg U īv SS620292 0 2 IN SS60202WC BETA-BHC 319-85-7 8 10 ug/Kg |U ĪV 05193 O SS00003AE BETA-CHLORDANE 15103-74-2 90 90 ug/Kg |U V 05393 0 2 IN SS00005AE BETA-CHLORDANE 5103-74-2 87 87 ug/Kg UX Z 40093 O SS40060AE BETA-CHLORDANE 5103-74-2 110 ug/Kg |U 110 V 40293 0 SS40042AE BETA-CHLORDANE 2 IN 5103-74-2 110 110 ug/Kg | U V 40393 SS40053AE BETA-CHLORDANE 0 211 5103-74-2 110 110 ug/Kg | U IV 40693 0 SS40057AE BETA-CHLORDANE 2 IN 15103-74-2 140 140 ug/Kg U īV 40793 O 2 IN SS40058AE BETA-CHLORDANE 5103-74-2 140 140 ug/Kg | U iV 40893 Ö SS40004AE BETA-CHLORDANE 2 IN 15103-74-2 80 96 ug/Kg |U IV 2 IN 40993 0 SS40072AF BETA-CHLORDANE 5103-74-2 94 94 ug/Kg U 41193 0 2 IN SS40007AE BETA-CHLORDANE 5103-74-2 120 120 ug/Kg U ī 41293 0 2IN SS40071AE BETA-CHLORDANE 5103-74-2 180 180 ug/Kg | U 41593 4 GIIN S\$40073AE BETA-CHLORDANE 5103-74-2 84 84 ug/Kg |U 41693 ō SS40410AF 2 IN BETA-CHLORDANE 5103-74-2 110 110 ug/Kg U 41793 0 2 IN SS40077AE BETA-CHLORDANE 5103-74-2 93 93 ug/Kg U V 41993 0 2 IN ISS40009AF BETA-CHLORDANE 5103-74-2 95 95 ug/Kg |U 42093 0 SS40480AE BETA-CHLORDANE 21IN 5103-74-2 83 83 ug/Kg | U V 42193 6IIN 4 SS40012AF BETA-CHLORDANE 5103-74-2 83 83 ug/Kg | U 42393 0 ISS40079AE 2/IN BETA-CHLORDANE 5103-74-2 86 86 ug/Kg U 42693 0 2 IN S\$40080AE BETA-CHLORDANE 5103-74-2 130 130 ug/Kg |U 42993 SS40056AE 0 2 IN BETA-CHLORDANE 5103-74-2 89 89 ug/Kg | U 43393 6 IN SS40087AE BETA-CHLORDANE 15103-74-2 84 84 ug/Kg U V 43693 SS40089AE BETA-CHLORDANE 5103-74-2 84 84 ug/Kg |U 43793 S\$40088AE BETA-CHLORDANE 5103-74-2 91 91 ug/Kg |U

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics * ** 劉 變十分。今 13 30 x 3.0 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION È CODE START END UNIT SAMPLE NUMBER ANALYTE CAS NO. RESULT UNITS QUALIFIER QUALIFIER *- LIMIT BETA-CHLORDANE 43893 2 IN SS40010AE 5103-74-2 96 ug/Kg | U 43993 n 2: IN SS40091AE BETA-CHLORDANE 5103-74-2 92 92 ug/Kg U 44093 0 2 IN SS40090AF BETA-CHLORDANE 5103-74-2 96 96 ug/Kg | U V 44393 0 2:IN ISS40005AF BETA-CHLORDANE 5103-74-2 90 90 ug/Kg U V 44893 0 2 IN SS40070AE BETA-CHLORDANE 5103-74-2 100 100 ug/Kg U īv 45693 5103-74-2 0 21N SS40094AF BETA-CHLORDANE 110 110 ug/Kg | U V 0 45793 2HN ISS40015AE BETA-CHLORDANE 5103-74-2 120 120 ug/Kg | U V 46193 0 211N SS40096AF BETA-CHLORDANE 5103-74-2 100 100 ug/Kg | U V 46693 4 6IIN ISS40141AE BETA-CHLORDANE 15103-74-2 80 87 ug/Kg U īV 46793 ISS40142AF BETA-CHLORDANE 4 6IIN 5103-74-2 80 89|ug/Kg |U 46893 4 SS40143AE BETA-CHLORDANE 6 IN 5103-74-2 80 89 ug/Kg | U V 0 SS40145AE 47093 1| IN BETA-CHLORDANE 5103-74-2 80 91 ug/Kg U īv SS400293 O. SS40018AE BETA-CHLORDANE 2IIN 5103-74-2 110 110|ug/Kg | U ĪV SS400393 2IIN SS40019AE BETA-CHLORDANE 0 15103-74-2 83 83 ug/Kg U ĪV SS400593 SS40021AE BETA-CHLORDANE 5103-74-2 82 82 ug/Kg | U īV SS400693 0 SS40022AF BETA-CHLORDANE 5103-74-2 87 87 ug/Kg | U IV BETA-CHLORDANE SS400793 0 SS40023AE 5103-74-2 91 91 ug/Kg U ī SS400893 0 SS40024AE BETA-CHLORDANE 5103-74-2 110 110 ug/Kg :U IV SS401193 BETA-CHLORDANE 0 2 IN SS40027AE 5103-74-2 120 120 ug/Kg U SS401293 ō 21IN SS40028AE BETA-CHLORDANE 5103-74-2 87 87:ua/Ka | U ίV SS401393 O 2 IN SS40029AE BETA-CHLORDANE 5103-74-2 110 110 ug/Kg | U 2 IN SS401593 0 SS40031AE BETA-CHLORDANE 15103-74-2 100 100 ug/Kg | U SS401693 n 2 IN SS40032AE BETA-CHLORDANE 5103-74-2 85 85 ug/Kg U 2 IN SS401893 0 SS40034AE BETA-CHLORDANE 5103-74-2 90 90 ug/Kg | U SS402393 0 2 IN SS40039AE BETA-CHLORDANE 5103-74-2 92 92 ug/Kg | U V SS402593 O 2 IN SS40041AF BETA-CHLORDANE 5103-74-2 110 110 ug/Kg | U SS402793 0 2 IN SS40043AE BETA-CHLORDANE 5103-74-2 88 88 ug/Kg U SS402893 C 21IN SS40044AE BETA-CHLORDANE 5103-74-2 85 85 ug/Kg | U SS40045AE SS402993 0 2IIN BETA-CHLORDANE 5103-74-2 82 82 ug/Kg | U SS403093 0 SS40046AF 2IIN BETA-CHLORDANE 5103-74-2 170 170 ug/Kg | U W SS403193 SS40047AE BETA-CHLORDANE 0 21IN 15103-74-2 110 110 ug/Kg U V 0 SS403293 2 IN ISS40048AE BETA-CHLORDANE 5103-74-2 110 110 ug/Kg (U V SS403393 Ö 2 IN SS40049AE BETA-CHLORDANE 5103-74-2 150 150 ug/Kg | U $\overline{\mathbf{v}}$ SS403493 0 2 IN SS40050AE BETA-CHLORDANE 15103-74-2 100 100 ug/Kg | U V SS403593 0 SS40051AE 2 IN BETA-CHLORDANE 5103-74-2 94 94 ug/Kg | U v 2 IN SS403693 0 SS40052AE BETA-CHLORDANE 5103-74-2 94 94|ug/Kg |U V SS606292 ō 211 SS60062WC BETA-CHLORDANE 5103-74-2 80 90 ug/Kg U $\overline{\mathsf{v}}$ Õ SS620292 SS60202WC BETA-CHLORDANE 15103-74-2 80 100 ug/Kg U V 05093 o 2IIN SS00002AE BIS(2-CHLORETHYL)ETHER 111-44-4 360 360 ug/Kg | U 7 SS00003AE 05193 0 2:IN BIS(2-CHLORETHYL)ETHER 111-44-4 380 380 ug/Kg | U 05393 ō 211 SS00005AE BIS(2-CHLORETHYL)ETHER 111-44-4 360 360 ug/Kg | U Z 40093 0 2 IN SS40060AE BIS(2-CHLORETHYL)ETHER ī 111-44-4 480 480 ug/Kg | U 40293 SS40042AE BIS(2-CHLORETHYL)ETHER ō 111-44-4 450 ug/Kg | U 450 IV 40393 O SS40053AE BIS(2-CHLORETHYL)ETHER 2IIN 111-44-4 440 440 ug/Kg U V 40693 0 SS40057AE 2|IN BIS(2-CHLORETHYL)ETHER 111-44-4 600 600 ua/Ka U i۷ 111-44-4 40793 ō SS40058AE BIS(2-CHLORETHYL)ETHER 2IIN 590 590:ua/Ka | U 40893 ō 2 IN SS40004AE BIS(2-CHLORETHYL)ETHER 111-44-4 400 ug/Kg U 40993 0 SS40072AE BIS(2-CHLORETHYL)ETHER 111-44-4 211N 390 390 ug/Kg | U 111-44-4 41193 0 2 IN SS40007AE BIS(2-CHLORETHYL)ETHER 500 500 ug/Kg | U 41293 O 2 IN SS40071AE BIS(2-CHLORETHYL)ETHER 111-44-4 740 740 ug/Kg | U 41593 4 6IIN SS40073AF BIS(2-CHLORETHYL)ETHER 111-44-4 350 350 ug/Kg | U 41693 0 21IN SS40410AF BIS(2-CHLORETHYL)ETHER 111-44-4 450 450 ug/Kg U 41793 SS40077AE 0 2 IN BIS(2-CHLORETHYL)ETHER 111-44-4 390 390 ug/Kg | U 41993 SS40009AE 111-44-4 0 2 IN BIS(2-CHLORETHYL)ETHER 400 400 ug/Kg U 42093 ō SS40480AE 2IIN BIS(2-CHLORETHYL)ETHER 111-44-4 350 350jug/Kg IU 11/ 42193 SS40012AE 4 6IIN BIS(2-CHLORETHYL)ETHER 111-44-4 350 350 ug/Kg | U IV 42293 Ö SS40078AE 2IIN 111-44-4 BIS(2-CHLORETHYL)ETHER 380 380 ug/Kg | U 42393 2 IN SS40079AE BIS(2-CHLORETHYL)ETHER 0 111-44-4 360 360 ug/Kg | U IV. 6! IN SS40082AE BIS(2-CHLORETHYL)ETHER 111-44-4 350 350 ug/Kg | U V 0 SS40080AE 2|IN BIS(2-CHLORETHYL)ETHER 111-44-4 520 520 ug/Kg U J 42993 Ö SS40056AE 2IIN BIS(2-CHLORETHYL)ETHER 111-44-4 370 370|ug/Kg | U V 43193 O 2 IN SS40084AE BIS(2-CHLORETHYL)ETHER 111-44-4 360 360|ug/Kg |U 43393 6IIN SS40087AE BIS(2-CHLORETHYL)ETHER 111-44-4 350 350 ug/Kg | U 43493 ō SS40086AF BIS(2-CHLORETHYL)ETHER 111-44-4 380 380 ug/Kg | U IJ 43693 4 6 IN SS40089AE BIS(2-CHLORETHYL)ETHER 111-44-4 350 ug/Kg | U 350 43793 ō 2!IN SS40088AE BIS(2-CHLORETHYL)ETHER 111-44-4 380 380|ug/Kg |U Ī 43893 SS40010AE BIS(2-CHLORETHYL)ETHER 2IIN 111-44-4 400 400 ug/Kg |U !V 43993 O SS40091AE 2 IN BIS(2-CHLORETHYL)ETHER 111-44-4 380|ug/Kg |U 380 V 44093 0 2 IN SS40090AF BIS(2-CHLORETHYL)ETHER 111-44-4 400 400 ug/Kg U 111-44-4 44393 ñ 2 IN SS40005AE BIS(2-CHLORETHYL)ETHER 380 ug/Kg | U 380 44893 0 21 IN SS40070AE BIS(2-CHLORETHYL)ETHER 111-44-4 440 440 ug/Kg | U 45693 111-44-4 C 2 IN SS40094AE BIS(2-CHLORETHYL)ETHER 480 480 ug/Kg | U 45793 0 21IN ISS40015AF BIS(2-CHLORETHYL)ETHER 111-44-4 500 500 ug/Kg U ĪV 46193 ō 21IN SS40096AF BIS(2-CHLORETHYL)ETHER 111-44-4 420 420 ug/Kg | U ĪΫ 46693 4 6 IN SS40141AF BIS(2-CHLORETHYL)ETHER 111-44-4 330 360 ug/Kg !U ίV 46793 4 6IN SS40142AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 360 ug/Kg | U 46893 111-44-4 4 6 IN SS40143AF BIS(2-CHLORETHYL)ETHER 330 370 ug/Kg | U IV 47093 SS40145AE 1 IN BIS(2-CHLORETHYL)ETHER 111-44-4 330 370 ug/Kg | U



Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics Mr. Aller open * 南 金金金布 LOCATION DEPTH DEPTH DETECTION AB RESULT VALIDATION RESULT UNITS QUALIFIER START END UNIT SAMPLE NUMBER CAS NO. -CODE ANALYTE LIMIT QUALIFIER BIS(2-CHLORETHYL)ETHER 460 SS400293 ñ 2 IN SS40018AE 111-44-4 460 ug/Kg | U SS400393 O 2:IN SS40019AE BIS(2-CHLORETHYL)ETHER 111-44-4 350 350 ug/Kg | U SS400593 ō 2|IN SS40021AE BIS(2-CHLORETHYL)ETHER 111-44-4 340 340 ug/Kg 1U SS400693 0 2 IN SS40022AF BIS(2-CHLORETHYL)ETHER 111-44-4 360 360 ug/Kg | U SS400793 O 2 IN SS40023AF BIS(2-CHLORETHYL)ETHER 111-44-4 380 380 ug/Kg | U ĪΫ 0 BIS(2-CHLORETHYL)ETHER SS400893 2IIN SS40024AE 111-44-4 460 460 ug/Kg U īV SS401193 0 2IIN SS40027AE BIS(2-CHLORETHYL)ETHER 1111-44-4 480 480 ug/Kg | U V SS401293 O BIS(2-CHLORETHYL)ETHER 111-44-4 2 IN SS40028AE 360 360 ug/Kg | U V 0 SS401393 2IIN SS40029AE BIS(2-CHLORETHYL)ETHER 111-44-4 470 470;ug/Kg | U IV SS401593 SS40031AE BIS(2-CHLORETHYL)ETHER 0 111-44-4 2IIN 430 430 ug/Kg | U īV SS401693 SS40032AE 2 IN BIS(2-CHLORETHYL)ETHER 111-44-4 360 360 ug/Kg | U IV SS401893 0 2 IN SS40034AE BIS(2-CHLORETHYL)ETHER 111-44-4 380 380 ug/Kg | U ĪV SS402393 ō 2 IN SS40039AE BIS(2-CHLORETHYL)ETHER 111-44-4 380 380 ug/Kg | U V SS402593 SS40041AE BIS(2-CHLORETHYL)ETHER 111-44-4 440 440 ug/Kg | U IV SS402793 SS40043AE õ BIS(2-CHLORETHYL)ETHER 370 111-44-4 370 ug/Kg U IV SS402893 SS40044AE BIS(2-CHLORETHYL)ETHER 111-44-4 350 350 ug/Kg | U SS402993 0 SS40045AE BIS(2-CHLORETHYL)ETHER 111-44-4 340 340 ug/Kg | U V SS403093 ō SS40046AE BIS(2-CHLORETHYL)ETHER 111-44-4 700 700 ug/Kg | U SS403193 0 SS40047AE BIS(2-CHLORETHYL)ETHER 111-44-4 2 IN 460 460 ug/Kg U SS403293 ō 2 IN SS40048AE BIS(2-CHLORETHYL)ETHER 1111-44-4 440 440 ug/Kg | U SS403393 0 2 IN SS40049AE BIS(2-CHLORETHYL)ETHER 111-44-4 630 630 ug/Kg | U SS403493 ō 2IIN SS40050AE BIS(2-CHLORETHYL)ETHER 111-44-4 420 420 ug/Kg | U SS403593 0 2 IN SS40051AE BIS(2-CHLORETHYL)ETHER 111-44-4 390 390 ug/Kg U SS403693 0 2 IN SS40052AF BIS(2-CHLORETHYL)ETHER 111-44-4 390 390 ug/Kg U 0 BIS(2-CHLORETHYL)ETHER 111-44-4 SS810893 31IN SSG0102JE 330 340 ug/Kg U V 111-44-4 350 ug/Kg | U SS811193 0 3IIN ISSG0105JE BIS(2-CHLORETHYL)ETHER 330 BIS(2-CHLORETHYL)ETHER SS811493 3IIN SSG01081F 111-44-4 330 380 ug/Kg | U V 05093 0 2IIN SS00002AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 360 360 ug/Kg | U O SS00003AF 05193 2 IN BIS(2-CHLOROETHOXY)METHANE 111-91-1 380 380 ug/Kg | U V 05393 0 2 IN SS00005AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 360 360 ug/Kg U 40093 0 2 IN SS40060AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 480 480 ug/Kg | U īV 40293 0 SS40042AE 2 IN BIS(2-CHLOROETHOXY)METHANE 1111-91-1 450 450 ug/Kg | U īv 40393 S\$40053AE 2IN 0 BIS(2-CHLOROETHOXY)METHANE 111-91-1 440 440 ug/Kg U V 40693 SS40057AE 0 2 IN BIS(2-CHLOROETHOXY)METHANE 111-91-1 600 600 ug/Kg U v 40793 SS40058AE BIS(2-CHLOROETHOXY)METHANE 0 2 IN 1111-91-1 590 590 ug/Kg | U V SS40004AE BIS(2-CHLOROETHOXY)METHANE 40893 0 2 IN 111-91-1 330 400 ug/Kg U íν 40993 0 SS40072AE BIS(2-CHLOROETHOXY)METHANE :111-91-1 390 390 ug/Kg | U V SS40007AE 111-91-1 41193 2IIN **BIS(2-CHLOROETHOXY)METHANE** 500 500 ug/Kg U V 41293 SS40071AE ō 2IN BIS(2-CHLOROETHOXY)METHANE 111-91-1 740 740 ug/Kg | U V 41593 \$\$40073AE BIS(2-CHLOROETHOXY)METHANE 4 6 IN 111-91-1 350 350 ug/Kg | U Ī 41693 Ö 2 IN SS40410AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 450 450 ug/Kg | U 41793 0 2 IN |SS40077AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 390 390 ug/Kg | U 41993 0 2IIN SS40009AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 400 400 ug/Kg U 42093 Ō 2 IN SS40480AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 350 ug/Kg | U 42193 4 6IIN S\$40012AE **BIS(2-CHLOROETHOXY)METHANE** 111-91-1 350 350 ug/Kg | U 42293 0 2 IN SS40078AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 380 380 ug/Kg U 42393 O 2 IN SS40079AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 360 360 ug/Kg | U 42593 4 6 IN SS40082AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 350 350 ug/Kg | U 111-91-1 42693 O 2 IN SS40080AF BIS(2-CHLOROETHOXY)METHANE 520 520 ug/Kg | U 42993 0 21IN SS40056AE **BIS(2-CHLOROETHOXY)METHANE** 111-91-1 370 370 ug/Kg | U 43193 0 2!IN SS40084AF BIS(2-CHLOROETHOXY)METHANE 1111-91-1 360 360 ug/Kg iU 1111-91-1 43393 4 6!IN SS40087AE BIS(2-CHLOROETHOXY)METHANE 350 350 ug/Kg U V 43493 2 IN SS40086AF BIS(2-CHLOROETHOXY)METHANE 1111-91-1 380 380 ug/Kg U 43693 BIS(2-CHLOROETHOXY)METHANE 4 6 IN SS40089AE :111-91-1 350 350 ug/Kg | U 43793 0 21IN SS40088AF BIS(2-CHLOROFTHOXY)METHANS 111-91-1 380 380 ug/Kg | U V 43893 2IIN SS40010AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 400 400 ug/Kg U 43993 2 IN 0 SS40091AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 380 380 ug/Kg U ĪV 44093 SS40090AE BIS(2-CHLOROETHOXY)METHANE 0 2 IN 1111-91-1 400 400 ug/Kg U 44393 0 2 IN SS40005AE BIS(2-CHLOROETHOXY)METHANE ĺΫ 380 1111-91-1 380|ug/Kg | U 44893 O SS40070AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 440 440 ug/Kg | U IV 45693 0 S\$40094AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 480 480 ug/Kg U 45793 0 SS40015AF BIS(2-CHLOROETHOXY)METHANE 111-91-1 500 500 ug/Kg | U IV 46193 2 IN SS40096AE 0 BIS(2-CHLOROETHOXY)METHANE 111-91-1 420 420 ug/Kg | U 46693 SS40141AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 360 ug/Kg | U IV 46793 SS40142AE 6IIN BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 īV 360 ug/Kg | U 46893 6!IN SS40143AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg | U V 47093 0 SS40145AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg | U SS400293 Ö 2|IN S\$40018AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 460 460 ug/Kg | U 2IIN SS400393 0 SS40019AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 350 350 ug/Kg | U SS400593 0 2 IN ISS40021AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 340 340 ug/Kg U SS400693 111-91-1 O 21IN SS40022AE BIS(2-CHLOROETHOXY)METHANE 360 ug/Kg | U 360 SS400793 O 21IN SS40023AF BIS(2-CHLOROETHOXY)METHANE 111-91-1 380 380 ug/Kg | U SS400893 2IIN 0 ISS40024AF BIS(2-CHLOROETHOXY)METHANE 1111-91-1 460 460 ug/Kg | U IV SS401193 SS40027AE 0 2IIN BIS(2-CHLOROETHOXY)METHANE 1111-91-1 480 480 ug/Kg iU SS401293 SS40028AF 0 2IIN BIS(2-CHLOROETHOXY)METHANE 1111-91-1 360 360 ug/Kg | U iV SS401393 SS40029AE 0; 2!IN BIS(2-CHLOROETHOXY)METHANE 1111-91-1 470 470 ug/Kg (U īV SS401593 BIS(2-CHLOROETHOXY)METHANE 2IIN SS40031AE 111-91-1 430 430 ug/Kg | U SS401693 2 IN SS40032AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 360 360 ug/Kg | U

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 化安胶 表现的 N. F. C. S. A. \$ 60° LOCATION DEPTH DETECTION LAB RESULT VALIDATION DEPTH 4 34 ANALYTE. END UNIT SAMPLE NUMBER CODE CAS NO. RESULT UNITS QUALIFIER QUALIFIER START 4 LIMIT SS40034AE BIS(2-CHLOROETHOXY)METHANE SS401893 1111-91-1 380 380, ug/Kg | U 2 IN 111-91-1 SS402393 SS40039AE BIS(2-CHLOROETHOXY)METHANE 380 ug/Kg !U SS402593 2 IN SS40041AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 440 440 ug/Kg | U SS402793 ō 2 IN SS40043AE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 370 370 ug/Kg | U V SS402893 0 2IN ISS40044AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 350 350 ug/Kg | U SS402993 0 2 IN SS40045AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 340 340 ug/Kg | U IV BIS(2-CHLOROETHOXY)METHANE SS403093 0 2 IN SS40046AE 111-91-1 700 700|ug/Kg |U ľν SS403193 ō 2 IN SS40047AF **BIS(2-CHLOROETHOXY)METHANE** 111-91-1 460 460 ug/Kg | U ĺΫ 0 SS403293 211N SS40048AF BIS(2-CHLOROETHOXY)METHANE 111-91-1 440 440 ug/Kg | U V ISS40049AF BIS(2-CHLOROETHOXY)METHANE SS403393 O. 2 IN 1111-91-1 630 630 ug/Kg U V 0 ISS40050AF BIS(2-CHLOROETHOXY)METHANE SS403493 2 IN 111-91-1 420 420;ug/Kg | U ίV BIS(2-CHLOROETHOXY)METHANE SS403593 0 2 IN ISS40051AE 111-91-1 390 390 ug/Kg U V 0 BIS(2-CHLOROETHOXY)METHANE ISS40052AE SS403693 21IN 111-91-1 390 390 ug/Kg | U V BIS(2-CHLOROETHOXY)METHANE SS810893 0 SSG0102JE 3IIN 1111-91-1 330 340 ug/Kg U I۷ SS811193 0 3IIN SSG0105JE BIS(2-CHLOROETHOXY)METHANE 111-91-1 350|ug/Kg |U īV 330 0 3 IN SSG0108JE BIS(2-CHLOROETHOXY)METHANE SS811493 1111-91-1 330 380 ug/Kg | U 1 2 IN SS00002AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 360 ug/Kg ¡U 05093 0 360 12 2 IN SS00003AE BIS(2-CHLOROISOPROPYL)ETHER 05193 0 108-60-1 380 380|ug/Kg |U BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 05393 0 SS00005AE Z 360 360|ug/Kg | U 40093 0 SS40060AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 480 480 ug/Kg | U 40293 SS40042AE BIS(2-CHLOROISOPROPYL)ETHER 0 108-60-1 450 V 450 ug/Kg | U BIS(2-CHLOROISOPROPYL)ETHER 40393 0 ISS40053AE 108-60-1 440 440 ug/Kg | U SS40057AE BIS(2-CHLOROISOPROPYL)ETHER 40693 0 108-60-1 600 600 ug/Kg U SS40058AE BIS(2-CHLOROISOPROPYL)ETHER 40793 0 2|IN 108-60-1 590 590 ug/Kg | U 40893 2 IN SS40004AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 0 330 400 ug/Kg U īv 2 IN 40993 O SS40072AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 390 390 ug/Kg | U īv 41103 0 2IN SS40007AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 500 500 ug/Kg U īv 41293 0 2 IN SS40071AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 740 740|ug/Kg |U 350 ug/Kg U 41593 4 6 IN \$\$40073AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 350 V 41693 n 2IIN SS40410AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 450 450 ug/Kg | U īv 41793 0 2:IN SS40077AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 390 390 ug/Kg | U 41993 BIS(2-CHLOROISOPROPYL)ETHER 0 2 IN SS40009AE 108-60-1 400 400|ug/Kg |U BIS(2-CHLOROISOPROPYL)ETHER 42093 0 2 IN ISS40480AF 108-60-1 350 350|ug/Kg |U 1 BIS(2-CHLOROISOPROPYL)ETHER 42193 4 6IIN SS40012AE 108-60-1 350 350 ug/Kg | U Ī BIS(2-CHLOROISOPROPYL)ETHER 42293 0 2 IN SS40078AF 108-60-1 380 380 ug/Kg | U 42393 0 2 IN ISS40079AE BIS(2-CHLOROISOPROPYL)ETHER 1108-60-1 360 360 ug/Kg | U V BIS(2-CHLOROISOPROPYL)ETHER 42593 4 6 IN SS40082AF 108-60-1 350 350 ug/Kg | U N 42693 0 2IIN SS40080AE BIS(2-CHLOROISOPROPYL)ETHER 520 108-60-1 520 ug/Kg | U IJ 42993 0 2IIN SS40056AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 370 370 ug/Kg | U īV 43193 O 2 IN SS40084AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 360 360 ug/Kg U 43393 SS40087AE BIS(2-CHLOROISOPROPYL)ETHER 6 IN 350 ug/Kg | U 108-60-1 350 IV O 2 IN SS40086AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 380 380|ug/Kg |U IJ SS40089AE BIS(2-CHLOROISOPROPYL)ETHER 43693 6IIN 108-60-1 350 350 ug/Kg | U ۱۷ SS40088AE BIS(2-CHLOROISOPROPYL)ETHER 380 ug/Kg | U 43793 2 IN 108-60-1 380 ΙV 0 SS40010AE BIS(2-CHLOROISOPROPYL)ETHER 43893 211 108-60-1 400 400 ug/Kg U S\$40091AE BIS(2-CHLOROISOPROPYL)ETHER 43093 0 2 IN 108-60-1 380 ug/Kg | U v 44093 SS40090AE BIS(2-CHLOROISOPROPYL)ETHER 0 2 IN 108-60-1 400 400 ug/Kg U 0 SS40005AE BIS(2-CHLOROISOPROPYL)ETHER 44393 2 IN 108-60-1 380 380 ug/Kg | U 44893 ō 2 IN SS40070AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 440 440 ug/Kg U 45693 2 IN SS40094AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 480 480 ug/Kg U 45793 0 2 IN SS40015AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 500 500 ug/Kg U 46193 0 2| IN SS40096AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 420 420 ug/Kg | U 46693 6: IN SS40141AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 Δ 330 360 ug/Kg | U 46793 4 6! IN SS40142AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 330 360 ug/Kg | U V 46893 4 6IIN SS40143AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 330 370 ug/Kg | U 47093 0 111N SS40145AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 330 370 ug/Kg | U SS400293 0 2 IN SS40018AF BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 460 460 ug/Kg | U BIS(2-CHLOROISOPROPYL)ETHER SS400393 0 2 IN SS40019AE 108-60-1 350 350 ug/Kg | U BIS(2-CHLOROISOPROPYL)ETHER SS400593 SS40021AF 0 2 IN 108-60-1 340 340 ug/Kg | U V BIS(2-CHLOROISOPROPYL)ETHER SS400693 0 2: IN ISS40022AE 108-60-1 360 360 ug/Kg | U v SS400793 ō 2:IN SS40023AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 380 380 ug/Kg | U V SS400893 BIS(2-CHLOROISOPROPYL)ETHER 0 2 IN SS40024AE 460 108-60-1 460 ug/Kg U V BIS(2-CHLOROISOPROPYL)ETHER SS401193 2 IN SS40027AE 0 108-60-1 480 480 ug/Kg | U V SS401293 2 IN SS40028AE BIS(2-CHLOROISOPROPYL)ETHER 0 108-60-1 360 360 ug/Kg | U \$\$401393 BIS(2-CHLOROISOPROPYL)ETHER 0 2 IN SS40029AE 108-60-1 470 470 ug/Kg | U V SS401593 2 IN SS40031AE BIS(2-CHLOROISOPROPYL)ETHER 0 108-60-1 430 430 ug/Kg U V SS40032AE BIS(2-CHLOROISOPROPYL)ETHER SS401693 0 2|IN 108-60-1 360 360|ug/Kg |U SS401893 SS40034AE BIS(2-CHLOROISOPROPYL)ETHER 380 380 ug/Kg | U 108-60-1 V BIS(2-CHLOROISOPROPYL)ETHER SS40039AE SS402393 0 108-60-1 380 380 ug/Kg | U ĺν SS402593 0 SS40041AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 440 440 ug/Kg |U SS402793 0 2 IN SS40043AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 370 370 ug/Kg U SS402893 SS40044AE BIS(2-CHLOROISOPROPYL)ETHER 0 2IN 108-60-1 350 350 ug/Kg | U ISS402993 0 2IIN SS40045AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 340 340 ug/Kg | U SS403093 0 2 IN SS40046AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 700 700 ug/Kg | U SS403193 n 2IIN SS40047AE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 460 460 ug/Kg | U SS403293 0 2 IN SS40048AF BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 440 440 ug/Kg | U SS403393 BIS(2-CHLOROISOPROPYL)ETHER 0 2 IN SS40049AE 108-60-1 630 630 ug/Kg U BIS(2-CHLOROISOPROPYL)ETHER S\$403493 SS40050AE 0 2 IN 108-60-1 420 420 ug/Kg | U

201

. . . .

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 4-6-6-5-6 L. S Sec. 14 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION 4844 SAMPLE NUMBER CAS NO. CODE START END UNIT ANALYTE LIMIT RESULT UNITS QUALIFIER QUALIFIER BIS(2-CHLOROISOPROPYL)ETHER SS403593 SS40051AE 390 ug/Kg | U SS403693 108-60-1 2IN SS40052AE BIS(2-CHLOROISOPROPYL)ETHER 390 ug/Kg | U SS810893 3|IN SSG0102JE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 330 340 ug/Kg | U SS811193 |SSG0105JE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 3 IN 330 350 ug/Kg | U SS811493 n 3|IN SSG0108JE BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 330 380 ug/Kg | U 05093 2:IN SS00002AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 360 1300 ug/Kg 05193 0 2:IN SS00003AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 380 81!ug/Kg |J 05393 O 2 IN SS00005AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 360 70 ug/Kg BJ 40093 O 21IN SS40060AE BIS(2-ETHYLHEXYL)PHTHALATE 1117-81-7 480 480 ug/Kg | U IV 40293 O 2!IN SS40042AF BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 450 59 ug/Kg | J 0 117-81-7 40393 2IIN SS40053AF BIS(2-ETHYLHEXYL)PHTHALATE 440 75 ug/Kg J A ISS40057AF 40693 0 2: IN BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 600 110 ug/Kg | J A 40793 0 211N S\$40058AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 590 160 ug/Kg | J : A SS40004AE BIS(2-ETHYLHEXYL)PHTHALATE 40893 O 2:IN 1117-81-7 330 400 ug/Kg U īV SS40072AE BIS(2-ETHYLHEXYL)PHTHALATE 40993 0 2:1N 117-81-7 390 110 ug/Kg jJ !A 41193 0 2 IN ISS40007AE BIS(2-ETHYLHEXYL)PHTHALATE 1117-81-7 74 ug/Kg J 500 A 41293 2 IN SS40071AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 740 260 ug/Kg | J A 41593 SS40073AE BIS(2-ETHYLHEXYL)PHTHALATE 350 ug/Kg | U 6 IN 117-81-7 350 117-81-7 450 ug/Kg | U 41693 O SS40410AE BIS(2-ETHYLHEXYL)PHTHALATE 450 117-81-7 41793 ō SS40077AE BIS(2-ETHYLHEXYL)PHTHALATE 130 ug/Kg | J 390 BIS(2-ETHYLHEXYL)PHTHALATE 41993 0 S\$40009A 117-81-7 400 400 ug/Kg U SS40480AE BIS(2-ETHYLHEXYL)PHTHALATE 42093 õ 117-81-7 350 200 ug/Kg | J IA 42193 BIS(2-ETHYLHEXYL)PHTHALATE SS40012AE 350 80 ug/Kg J IA SS40078AE BIS(2-ETHYLHEXYL)PHTHALATE 42293 ō 2 IN 117-81-7 380 380 ug/Kg U 42393 SS40079AE BIS(2-ETHYLHEXYL)PHTHALATE 0 2 IN 1117-81-7 360 360|ug/Kg | U IJ 42593 4 6 IN SS40082AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 350 65 ug/Kg J 117-81-7 42693 0 2 IN SS40080AE BIS(2-ETHYLHEXYL)PHTHALATE 520 130 ug/Kg | J ĪΑ 42993 Oi 2 IN SS40056AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 370 81 ug/Kg J 43193 0 2 IN SS40084AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 360 1100 ug/Kg 1100 ug/Kg 43393 4 6IIN SS40087AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 350 Ī 43493 O 2 IN S\$400864F BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 380 42 ug/Kg | J A 43693 4 BIIN SS40089AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 350 120 ug/Kg | J BIS(2-ETHYLHEXYL)PHTHALATE 43793 0 2 IN SS40088AE 117-81-7 380 56 ug/Kg J ĪĀ BIS(2-ETHYLHEXYL)PHTHALATE 43893 0 2 IN ISS40010AE 117-81-7 400 160 ug/Kg | J IA SS40091AE BIS(2-ETHYLHEXYL)PHTHALATE 43993 0 2 IN 117-81-7 380 44 ug/Kg J IA SS40090AF 44093 0 2:IN BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 400 66 ug/Kg J 44393 0 2 IN SS40005AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 380 3800 ug/Kg IV 44893 Ö 2IIN SS40070AE BIS(2-FTHYL HEXYL)PHTHALATE 117-81-7 440 440 ug/Kg U IV 45693 0 SS40094AE BIS(2-ETHYLHEXYL)PHTHALATE 2 IN 1117-81-7 480 73 ug/Kg J IA 45793 2IIN SS40015AE BIS(2-ETHYLHEXYL)PHTHALATE 1117-81-7 500 180 ug/Kg | J IA 46193 SS40096AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 2 IN 420 480 ug/Kg V BIS(2-ETHYLHEXYL)PHTHALATE 46693 6 IN SS40141AE 360 ug/Kg | U 1117-81-7 4 330 IV 46793 SS40142AE BIS(2-ETHYLHEXYL)PHTHALATE GIIN 117-81-7 330 360|ug/Kg | U īV 6!IN SS40143AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 330 370 ug/Kg U IV 47093 SS40145AE BIS(2-ETHYLHEXYL)PHTHALATE (117-81-7 370 ug/Kg | U 330 IV SS400293 0 SS40018AE BIS(2-ETHYLHEXYL)PHTHALATE 2:IN 1117-81-7 3300 ug/Kg 460 IV SS400393 0 S\$40019AE BIS(2-ETHYLHEXYL)PHTHALATE 350 350 ug/Kg U SS400593 0 SS40021AE BIS(2-ETHYLHEXYL)PHTHALATE 2 IN 117-81-7 340 340 ug/Kg | U L SS400693 SS40022AE 360 ug/Kg | U 2 IN BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 SS400793 0 2 IN SS40023AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 380 66 ug/Kg J 117-81-7 SS400893 0 2IIN SS40024AE BIS(2-ETHYLHEXYL)PHTHALATE 460 460 ug/Kg U SS401193 0 2 IN SS40027AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 480 68 ug/Kg iJ SS401293 0 2 IN SS40028AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 360 360 ug/Kg | U 470 ug/Kg U SS401393 0 2 IN SS40029AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 470 Ī SS401593 0 2 IN SS40031AF BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 430 430 ug/Kg | U IV SS401693 42 ug/Kg |J 0 21IN !SS40032AF BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 360 SS401893 0 2 IN SS40034AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 380 740 ug/Kg SS402393 0 2||N SS40039AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 380 380 ug/Kg | U SS402593 SS40041AE 117-81-7 0 2 IN BIS(2-ETHYLHEXYL)PHTHALATE 440 440 ug/Kg | U SS402793 0 2 IN ISS40043AF BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 370 370 ug/Kg | U SS402893 0 2IIN SS40044AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 350 350 ug/Kg | U SS402993 O SS40045AE 2 IN BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 340 340 ug/Kg : U SS403093 0 2 IN SS40046AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 700 21000 ug/Kg | BE SS403193 0 2IN SS40047AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 460 460 ug/Kg U SS403293 0 2 IN SS40048AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 440 440 ug/Kg | U J SS403393 ō 2 IN S\$40049AE BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 630 630 ug/Kg |U SS403493 ō 2 IN SS40050AE BIS(2-ETHYLHEXYL)PHTHALATE 1117-81-7 420 420 ug/Kg | U IV Ō BIS(2-ETHYLHEXYL)PHTHALATE SS403593 SS40051A 117-81-7 390 44 ug/Kg |J IA SS403693 0 SS40052AE BIS(2-ETHYLHEXYL)PHTHALATE 390 180 ug/Kg | J A SS810893 BIS(2-ETHYLHEXYL)PHTHALATE 0 3 IN SSG0102JE 330 69 ug/Kg J IA SS811193 ō SSG0105JE BIS(2-ETHYLHEXYL)PHTHALATE 230|ug/Kg J 3 IN 117-81-7 330 A SS81-1493 0 BIS(2-ETHYLHEXYL)PHTHALATE 3|IN SSG0108JE 117-81-7 330 79 ug/Kg | J P208989 ō 0|F7 SEP1789BR0002 BROMODICHLOROMETHANE 75-27-4 6 ug/Kg U P208989 n OFT SEP1789BR0002 BROMOFORM 75-25-2 6 ug/Kg U P208989 0 OFT SEP1789BR0002 BROMOMETHANE 74-83-9 12 12 ug/Kg | U V BUTYL BENZYLPHTHALATE 05093 O 2 IN SS00002AE 85-68-7 360 360 ug/Kg | U 05193 O. 2 IN SS00003AE BUTYL BENZYLPHTHALATE 85-68-7 V 380 380 ug/Kg | U 2IN 05393 0 ISS00005AE BUTYL BENZYLPHTHALATE 85-68-7 360 ug/Kg | U 360

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 4. 1×14 130 (1) LOCATION DEPTH DEPTH DETECTION AB RESULT VALIDATION in 46 ** CODE START END UNIT SAMPLE NUMBER ANALYTE CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER BUTYL BENZYLPHTHALATE 480 40093 2 IN SS40060AE 85-68-7 480 ug/Kg | U 40293 O: 2:IN SS400424F BUTYL BENZYLPHTHALATE 85-68-7 450 450)ug/Kg | U 40393 n 2:IN ISS40053AF BUTYL BENZYLPHTHALATE 85-68-7 440 440 ug/Kg !U 7 40693 0 2:IN SS400574F BUTYL BENZYLPHTHALATE 85-68-7 600 600 ug/Kg !U 1 40793 0 2 IN SS40058AF BUTYL BENZYLPHTHALATE 85-68-7 590 590 ug/Kg | U V 2 IN 40893 O SS40004AF BUTYL BENZYL PHTHALATE 85-68-7 330 400 ug/Kg !U 7 40993 0 2 IN ISS40072AF BUTYL BENZYLPHTHALATE 85-68-7 390 390|ug/Kg |U v SS40007AF BUTYL BENZYL PHTHALATE 41193 O 211N 85-68-7 500 500 ug/Kg | U 740 SS40071AF BUTYL BENZYLPHTHALATE 41293 0 2 IN 185-68-7 740:ug/Kg | U : 17 41593 6IIN SS40073AF BUTYL BENZYLPHTHALATE 350 4 85-68-7 350 ug/Kg | U ī SS40410AE BUTYL BENZYLPHTHALATE ñ 450 41693 2 IN 85-68-7 450 ug/Kg | U SS40077AE BUTYL BENZYLPHTHALATE 41793 41993 2 IN 0 185-68-7 390 390 ug/Kg U SS40009AE BUTYL BENZYLPHTHALATE 211N 85-68-7 400 0 400 ug/Kg (U 42093 SS40480AE BUTYL BENZYLPHTHALATE 350 85-68-92 ug/Kg J A 42193 **BUTYL BENZYLPHTHALATE** 185-68-7 350 350|ug/Kg |U IV SS40078AE BUTYL BENZYLPHTHALATE 42293 n 185-68-7 380 380 ug/Kg 1U 42393 O SS40079AE BUTYL BENZYLPHTHALATE 85-68-7 360 360 ug/Kg | U 42593 SS40082AE BUTYL BENZYLPHTHALATE 350 350 ug/Kg | U 42693 0 SS40080AE BUTYL BENZYLPHTHALATE 2:IN 85-68-7 520 520 ug/Kg |U 42993 õ 2|IN SS40056AE BUTYL BENZÝLPHTHALATE 85-68-370 370 ug/Kg U 43193 n 2 IN SS40084AE BUTYL BENZYLPHTHALATE 85-68-7 360 360 ug/Kg | U 43393 6IN SS40087AE BUTYL BENZYLPHTHALATE 85-68-7 350 350 ug/Kg | U 43493 0 2 IN SS40086AE BUTYL BENZYLPHTHALATE 85-68-7 380 380 ug/Kg U 43693 6 IN SS40089AE BUTYL BENZYLPHTHALATE 85-68-7 350 350 ug/Kg | U 4 43793 0 2|IN SS40088AF BUTYL BENZYLPHTHALATE 85-68-7 380 380 ug/Kg | U īv 43893 n 2 IN SS40010AF BUTYL BENZYLPHTHALATE 85-68-7 400 400 ug/Kg | U 43993 ō 2IIN SS40091AF BUTYL BENZYLPHTHALATE 85-68-7 380 380 ug/Kg | U v 44093 n 2/IN SS40090AF BLITYL BENZYL PHTHALATE 85-68-7 400 400 ug/Kg U 44393 SS40005AF BUTYL BENZYLPHTHALATE īv 0 2(IN 85-68-7 380 380 ug/Kg U 44893 2 IN SS40070AF BUTYL BENZYLPHTHALATE 0 85-68-7 440 170 ug/Kg | J 45693 BUTYL BENZYLPHTHALATE SS40094AE īv 0 21 IN 85-68-7 480 480 ug/Kg | U 45793 2 IN BUTYL BENZYLPHTHALATE O SS40015AE 85-68-7 500 500 ug/Kg | U ĪV BUTYL BENZYLPHTHALATE 46193 2 IN SS40096AE 85-68-7 420 66 ug/Kg | J A 46693 6 IN SS40141AE BUTYL BENZYLPHTHALATE 185-68-7 330 360 ug/Kg | U 46793 6 IN SS40142AE BUTYL BENZYLPHTHALATE 85-68-7 330 360 ug/Kg | U V SS40143AE 46893 6IIN BUTYL BENZYLPHTHALATE 85-68-7 330 370 ug/Kg |U V 47093 õ SS40145AE BUTYL BENZYLPHTHALATE 85-68-7 330 370 ug/Kg | U SS400293 ō 2 IN SS40018AE BUTYL BENZYLPHTHALATE 85-68-460 290 ug/Kg J IA BUTYL BENZYLPHTHALATE SS400393 2 IN SS40019AE 85-68-7 350 160 ug/Kg J IA SS400593 BUTYL BENZYLPHTHALATE ō 2IIN SS40021AE 85-68-7 340 340 ug/Kg | U SS400693 Õ 2 IN SS40022AE BUTYL BENZYLPHTHALATE 85-68-360 360 ug/Kg | U SS400793 0 2 IN SS40023AE BUTYL BENZYLPHTHALATE 85-68-7 380 380 ug/Kg U SS400893 SS40024AE BUTYL BENZYLPHTHALATE ō 2||N 85-68-460 460 ug/Kg U SS401193 SS40027AE BUTYL BENZYLPHTHALATE 85-68-7 480 0 2 IN 480 ug/Kg U SS401293 ō 2 IN SS40028AE **BUTYL BENZYLPHTHALATE** 85-68-360 360 ug/Kg | U 85-68-7 SS401393 O 2 IN SS40029AE **BUTYL BENZYLPHTHALATE** 470 470 ug/Kg U SS401593 n 2 IN SS40031AE BUTYL BENZYLPHTHALATE 85-68-7 430 430 ug/Kg U SS401693 n 2 IN SS40032AF BUTYL BENZYLPHTHALATE 85-68-7 360 360:ug/Kg | U SS401893 O 2 IN SS40034AE **BUTYL BENZYLPHTHALATE** 85-68-7 380 380 ug/Kg | U SS402393 2 IN O SS40039AF BUTYL BENZYLPHTHALATE 85-68-7 380 380 ug/Kg | U SS402593 0 2 IN SS40041AF BUTYL BENZYLPHTHALATE 185-68-7 440 440 ug/Kg | U SS402793 BUTYL BENZYLPHTHALATE 0 211N SS40043AF 85-68-7 370 370 ug/Kg U īV SS492893 0 SS40044A BUTYL BENZYLPHTHALATE 2 IN 85-68-7 350 350 ug/Kg U SS402993 0 2 IN ISS40045AE BUTYL BENZYLPHTHALATE 85-68-7 340 340 ug/Kg | U īv SS403093 0 2 IN SS40046AE BUTYL BENZYLPHTHALATE 700 85-68-7 700 ug/Kg | U SS403193 BUTYL BENZYLPHTHALATE SS40047AE 2IIN 85-68-7 460 460 ug/Kg | U īV SS403293 0 BUTYL BENZYLPHTHALATE 2!IN SS40048AE 85-68-7 440 440 ug/Kg | U IV SS403393 SS40049AE BUTYL BENZYLPHTHALATE O 2IIN 630 85-68-7 630 ug/Kg U ١V SS403493 BUTYL BENZYLPHTHALATE 0 2IIN SS40050AE 85-68-7 420 ug/Kg U 420 SS403593 0 SS40051AE BUTYL BENZYLPHTHALATE 2 IN 85-68-7 390 390 ug/Kg | U IV BUTYL BENZYLPHTHALATE SS403693 SS40052AE 85-68-7 390 390 ug/Kg | U SS810893 0 SSG0102JE BUTYL BENZYLPHTHALATE 85-68-7 330 340 ug/Kg | U SSG0105JE BUTYL BENZYLPHTHALATE 350 ug/Kg | U SS811193 0 3 IN 85-68-7 330 IJ SS811493 ō SSG0108JE BUTYL BENZYLPHTHALATE 85-68-7 330 380 ug/Kg U 41593 4 6IIN SS40073AE CARBAZOLE 86-74-8 350 ug/Kg | U 42193 SS40012AE CARBAZOLE 6IN 350 350 ug/Kg | U 42593 4 6IIN SS40082AE CARBAZOLE 86-74-8 350 350 ug/Kg U 43393 4 6 IN SS40087AE CARBAZOLE 86-74-8 350 350 ug/Kg | U 43693 4 6IIN SS40089AE CARBAZOLE 86-74-8 350 350 ug/Kg | U SS811193 0 3 IN SSG0105JE CARBAZOLE 86-74-8 140 ug/Kg J SS811493 0 3 IN SSG0108JE CARBAZOLE 86-74-8 410 ug/Kg J P208989 CARBON DISULFIDE ISEP1789BR0002 0 OFT 75-15-0 6 6 ug/Kg U Τv CARBON TETRACHLORIDE P208989 0 OFT SEP1789BR0002 156-23-5 6 6 ug/Kg |U ĪΫ P208989 0 OFT SEP1789BR0002 CHI OROBENZENE 108-90-7 6 6 ug/Kg | U ÍΝ P208989 0 OFT SEP1789BR0002 CHLOROETHANE 75-00-3 12 12 ug/Kg U IV P208989 0 OFT SEP1789BR0002 CHLOROFORM 67-66-3 6 6 ug/Kg | U īv P208989 0 OFT SEP1789BR0002 CHLOROMETHANE 74-87-3 12 12 ug/Kg U ĪΫ 05093 2 IN SS00002AE CHRYSENE 218-01-9 360 320 ug/Kg | J

| | | , | | | Evaporation Ponds AOC - Analytical Re | | | ganics | 18 18 71 | 1.9. 2 | I de la companion de la compan |
|------------------------|-------|----------|-------|----------------------------|---------------------------------------|------------------------|------------|--------|------------------|--|--|
| LOCATION CODE | START | END | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | | RESULT | UNITS | QUALIFIER | |
| 05193 05393 | 0 | | | SS00003AE SS00005AE | CHRYSENE CHRYSENE | 218-01-9 | 380 | | ug/Kg ug/Kg | | V Z |
| 40093 | . 0 | | | S\$40060AE | CHRYSENE | 218-01-9 | 480 | | ug/Kg | | īv |
| 40293 | 0 | ! 2 | 2·IN | SS40042AE | CHRYSENE | 218-01-9 | 450 | 450 | ug/Kg | U | V |
| 40393 | 0 | | | | CHRYSENE | 218-01-9 | 440 | | ug/Kg | | V |
| 40693 40793 | 0 | | | SS40057AE SS40058AE | CHRYSENE CHRYSENE | 218-01-9 | 600 590 | | ug/Kg lug/Kg | | V |
| 40893 | 0 | | | SS40038AE | CHRYSENE | 218-01-9 | 330 | | ug/Kg | | IA |
| 40993 | 0 | | | | CHRYSENE | 218-01-9 | 390 | | ug/Kg | | A |
| 41193 | 0 | | | | CHRYSENE | 218-01-9 | 500 | | ug/Kg | | Α |
| 41293 | 0 | | | | CHRYSENE | 218-01-9 | 740 | | ug/Kg | | A |
| 41593 41693 | 0 | | | \$\$40073AE \$\$40410AE | CHRYSENE CHRYSENE | 218-01-9 | 350 450 | | ug/Kg ug/Kg | | A |
| 41793 | 0 | | | | CHRYSENE | 218-01-9 | 390 | | ug/Kg | | |
| 41993 | 0 | 2 | | | CHRYSENE | 218-01-9 | 400 | | ug/Kg | | |
| 42093 | 0 | | | | CHRYSENE | 218-01-9 | 350 | | ug/Kg | | V |
| 42193 | 4 | | | | CHRYSENE | 218-01-9 | 350 | | ug/Kg | | V |
| 42293 42393 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 | 380 360 | | ug/Kg ug/Kg | | J A |
| 42593 | 4 | | | | CHRYSENE | 218-01-9 | 350 | | ug/Kg | | IV |
| 42093 | 0 | | | | CHRYSENE | 218-01-9 | 520 | | ug/Kg | | A |
| 42993 | 0 | | IN | SS40056AE | CHRYSENE | 218-01-9 | 370 | | ug/Kg | | Α |
| 43193 | 0 | | | | CHRYSENE | 218-01-9 | 360 | | ug/Kg | | |
| 43393- 43493 | 4 | | | | CHRYSENE | 218-01-9 | 350 | | ug/Kg | | V |
| 43493 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 218-01-9 | 380 350 | | ug/Kg ug/Kg | | J V |
| 43793 | 0 | | | ~ | CHRYSENE | 218-01-9 | 380 | | ug/Kg | | A |
| 43893 | ō | | | | CHRYSENE | 218-01-9 | 400 | | ug/Kg | | A |
| 43993 | O | 2 | | | CHRYSENE | 218-01-9 | 380 | | ug/Kg | | V |
| 44093 | 0 | | | | CHRYSENE | 218-01-9 | 400 | | ug/Kg | | |
| 44393 | 0 | | | | CHRYSENE | 218-01-9 | 380 | | ug/Kg | | A |
| 44893 45693 | 0 | | | | CHRYSENE CHRYSENE | [218-01-9 [218-01-9 | 440 480 | | ug/Kg ug/Kg | | V A |
| 45793 | 0 | | | | CHRYSENE | 218-01-9 | 500 | | ug/Kg | | Ž |
| 46193 | Ö | | | | CHRYSENE | 218-01-9 | 420 | | ug/Kg | | A |
| 46693 | 4 | | in I | | CHRYSENE | 218-01-9 | 330 | | ug/Kg | | V |
| 46793 | 4 | | | | CHRYSENE | 218-01-9 | 330 | | ug/Kg | | V |
| 46893 47093 | 4 | | | | CHRYSENE | 218-01-9 | 330 | | ug/Kg | | V |
| SS400293 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 218-01-9 | 330 460 | | ug/Kg ug/Kg | | A |
| SS400393 | 0 | ******** | | | CHRYSENE | 218-01-9 | 350 | | ug/Kg | | A |
| SS400593 | 0 | | | | CHRYSENE | 218-01-9 | 340 | | ug/Kg | | A |
| SS400693 | 0 | | | | CHRYSENE | 218-01-9 | 360 | | ug/Kg | | V |
| SS400793 | 0 | | | | CHRYSENE | 218-01-9 | 380 | | ug/Kg | | Α |
| SS400893 SS401193 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 | 460 480 | | ug/Kg | | A V |
| SS401193 | 0 | | | | CHRYSENE | 218-01-9 | 360 | | ug/Kg ug/Kg | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | V |
| S5401393 | 0 | | | | CHRYSENE | 218-01-9 | 470 | | ug/Kg | | v · |
| SS401593 | 0 | 2 | IN | SS40031AE | CHRYSENE | 218-01-9 | 430 | | ug/Kg | | A |
| SS401693 | 0 | | | | CHRYSENE | 218-01-9 | 360 | | ug/Kg | | A |
| SS401893 | 0, | | | | CHRYSENE | (218-01-9 | 380 | | ug/Kg | | A |
| SS402393 SS402593 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 218-01-9 | 380 440 | | ug/Kg ug/Kg | | A . V |
| \$\$402793 | 0 | | | | CHRYSENE | 218-01-9 | 370 | | ug/Kg | | V |
| SS402893 | 0 | 2 | IN | SS40044AE | CHRYSENE | 218-01-9 | 350 | | ug/Kg | | Ā |
| SS402993 | 0 | | | | CHRYSENE | 218-01-9 | 340 | 36 | ug/Kg | J | A |
| SS403093 | 0 | | | | CHRYSENE | 218-01-9 | 700 | | ug/Kg | | A |
| SS403193 SS403293 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 218-01-9 | 460 440 | | ug/Kg ug/Kg | | V A |
| SS403293 | 0 | | | | CHRYSENE | 218-01-9 | 630 | | ug/Kg ug/Kg | | V |
| SS403493 | 0 | | | | CHRYSENE | 218-01-9 | 420 | | ug/Kg | | v |
| SS403593 | 0 | 2 | IN | SS40051AE | CHRYSENE - | 218-01-9 | 390 | 390 | ug/Kg | U | V |
| SS403693 | 0 | | | | CHRYSENE | 218-01-9 | 390 | | ug/Kg | | Α |
| SS810893 | 0 | | | | CHRYSENE | 218-01-9 | 330 | | ug/Kg | | Α |
| SS811193 SS811493 | 0 | | | | CHRYSENE CHRYSENE | 218-01-9 218-01-9 | 330 330 | | ug/Kg ug/Kg | | V V |
| P208989 | 0 | | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | ug/Kg | | V |
| 5193 | 0 | 2 | IN | SS00003AE | DELTA-BHC | 319-86-8 | 9, | | ug/Kg | | Ÿ. |
| 05393 i | 0 | | | | DELTA-BHC | 319-86-8 | 8.7 | 8.7 | ug/Kg | U | Z |
| 40093 | 0 | | | | DELTA BUC | 319-86-8 | 11 | | ug/Kg | | V |
| 40293 40393 | 0 | | | | DELTA-BHC DELTA-BHC | 319-86-8 319-86-8 | 11 | | ug/Kg ug/Kg | | V V |
| 10693 | 0 | | | | DELTA-BHC | 319-86-8 | 14 | | ug/Kg | | V |
| 40793 | o | | ***** | | | 319-86-8 | 14 | | ug/Kg | | <u>v</u> |
| 40893 | 0 | 2 | IN | SS40004AE | DELTA-BHC | 319-86-8 | 8 | 9.6 | ug/Kg | Ü | V |
| 40993- | Oj | | | | DELTA-BHC | 319-86-8 | 9.4 | | ug/Kg | | V |
| 41193 | 0 | | | | DELTA-BHC | 319-86-8 | 12 | | ug/Kg | | <u>v</u> |
| 11293 | | | IN | SS40071AE | DELTA-BHC | 319-86-8 | 18 | 18 | ug/Kg | [] | V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

| W. 148 F 39 | 1.75 | 7° 5 W | 4 * - 0 - 0 | Evaporation Ponds AOC - Analytical Res | WAY. | 2 | | J-1904 | 8 - 45 18 - J | ని 1 మరో భూరం 🗿 |
|-------------------------|-------|----------|---------------|--|----------------------|--------------|-----|------------------|---------------|-----------------|
| LOCATION | | DEPTH | | | | DETECTION | | 1.5 | LAB RESULT | VALIDATION |
| CODE | START | END UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | | | QUALIFIER | QUALIFIER |
| 41593 | : 4 | P)IN | SS40073AE | DELIA-BHC | 319-86-8 319-86-8 | 8.4 | | ug/Kg | | V |
| 41693 | 0 | | | | 319-86-8 | 9.3 | 0.3 | ug/Kg ug/Kg | | V |
| 41993 | 0 | | | | 319-86-8 | 9.5 | | ug/Kg | | v |
| 42093 | . 0 | | | | 319-86-8 | 8.3 | | ug/Kg | | v v |
| 42193 | 4 | | | | 319-86-8 | 8.3 | | ug/Kg | | J |
| 42393 | ; O. | | | | 319-86-8 | 8.6 | | ug/Kg | | V |
| 42693 | 0 | | | | 319-86-8 | 13 | | ug/Kg | | V |
| 42993 | 0 | | | | 319-86-8 | 8.9 | | ug/Kg | | V |
| 43393 43693 | 4 | | | | 319-86-8 319-86-8 | 8.4 | | ug/Kg ug/Kg | | V V |
| 43793 | 0 | | | | 319-86-8 | 9.1 | | ug/Kg | | V |
| 43893 | 0 | | | | 319-86-8 | 9.6 | | ug/Kg | | v v |
| 43993 | 0 | | | | 319-86-8 | 9.2 | | ug/Kg | | V |
| 44093 | 0 | | | | 319-86-8 | 9.6 | | ug/Kg | | V |
| 44393 | 0 | | | | 319-86-8 | 9 | | ug/Kg | | V |
| 44893 | 0 | | | | 319-86-8 | 10 | | ug/Kg | | V |
| 45693 | 0 | | | | 319-86-8 | 11 | | ug/Kg | | V |
| 45793 46193 | 0 | | | | 319-86-8 319-86-8 | 12 | | ug/Kg ug/Kg | | <u>v</u> v |
| 46693 | 4 | | | | 319-86-8 | 8 | | ug/Kg | | v |
| 46793 | 4 | | | | 319-86-8 | 8 | | ug/Kg | | v · |
| 46893 | 4 | | | | 319-86-8 | 8 | | ug/Kg | | v |
| 47093 | 0 | 1 IN | SS40145AE | | 319-86-8 | 8 | 9.1 | ug/Kg | U | V |
| SS400293 | . 0 | | | | 319-86-8 | 11 | | ug/Kg | | V |
| SS400393 | 0 | | | | 319-86-8 | 8.3 | | ug/Kg | | V |
| SS400593 SS400693 | 0 | | | | 319-86-8 319-86-8 | 8.2 | | ug/Kg | | <u>v</u> |
| SS400693 SS400793 | 0 | | | | 319-86-8 | 8.7 9.1 | | ug/Kg ug/Kg | | V V |
| SS400893 | 0 | | | | 319-86-8 | 11 | | ug/Kg | | v |
| SS401193 | 0 | | | | 319-86-8 | 12 | | ug/Kg | | v |
| SS401293 | 0 | | SS40028AE | | 319-86-8 | 8.7 | | ug/Kg | | v |
| SS401393 | 0: | | | | 319-86-8 | 11 | 11 | ug/Kg | | V |
| SS401593 | 0 | | | | 319-86-8 | 10 | | ug/Kg | | V |
| SS401693 | 0 | | | | 319-86-8 | 8.5 | | ug/Kg | | V |
| SS401893 SS402393 | 0 | | | | 319-86-8 | 9 | | ug/Kg | | V . |
| SS402593 | 0 | | | | 319-86-8 319-86-8 | 9.2 11 | | ug/Kg ug/Kg | | V |
| SS402793 | 0 | | | | 319-86-8 | 8.8 | | ug/Kg ug/Kg | | v |
| 55402893 | 0 | | | | 319-86-8 | 8.5 | | ug/Kg | | v |
| SS402993 | 0 | | | | 319-86-8 | 8.2 | | ug/Kg | | V |
| S \$403093 | 0 | | | | 319-86-8 | 17 | | ug/Kg | | V |
| SS403193 | 0 | | | | 319-86-8 | 11 | | ug/Kg | | V |
| SS403293 | 0. | | | | 319-86-8 | 11 | | ug/Kg | | V |
| SS403393 SS403493 | . 0 | | | | 319-86-8 319-86-8 | 15 10 | | ug/Kg ug/Kg | | <u>v</u> |
| SS403593 | 0 | | | | 319-86-8 | 9.4 | | ug/Kg | | ř—— |
| SS403693 | 0 | | | | 319-86-8 | 9.4 | | ug/Kg | | ř – |
| SS606292 | 0 | | | | 319-86-8 | 8 | | ug/Kg | | v |
| SS620292 | 0 | | | DELTA-BHC | 319-86-8 | 8 | | ug/Kg | | V |
| 05093 | . 0 | | | | 53-70-3 | 360 | 360 | ug/Kg | U | Ž |
| 05193 | 0 | | | | 53-70-3 | 380 | | ug/Kg | | J |
| 05393 | 0 | | | | 53-70-3 | 360 | | ug/Kg | | Z |
| 40093 40293 | 0 | | | | 53-70-3 53-70-3 | 480 450 | | ug/Kg ug/Kg | | <u>V</u> |
| 40393 | 0 | | | | 53-70-3 53-70-3 | 440 | | ug/Kg | | v v |
| 40693 | 0 | | | | 53-70-3 | 600 | | ug/Kg | | y |
| 40793 | 0 | 2 IN | SS40058AE | | 53-70-3 | 590 | 590 | ug/Kg i | U | J |
| 40893 | 0 | | | | 53-70-3 | 330 | 400 | ug/Kg | U | V |
| 40993 | 0 | | | | 53-70-3 | 390 | | ug/Kg | | Α |
| 41193 | 0 | | | | 53-70-3 | 500 | | ug/Kg | | V |
| 41293 | 0 | | | | 53-70-3 | 740 | | ug/Kg | | J |
| 41593 41693 | 4 | | | | 53-70-3 53-70-3 | · 350 450 | | ug/Kg ug/Kg | | V |
| 41793 | 0 | | | | 53-70-3 53-70-3 | 390 | | ug/Kg ug/Kg | | <u>V</u> |
| 41993 | 0 | | | | 53-70-3 | 400 | | ug/Kg | | |
| 42093 | O | | | | 53-70-3 | 350 | | ug/Kg | | v |
| 42193 | 4 | 6 IN | SS40012AE | | 53-70-3 | 350 | | ug/Kg | | v |
| 42293 | . 0 | | | | 53-70-3 | 380 | 380 | ug/Kg | U | J |
| 42393 | 0 | | | | 53-70-3 | 360 | | ug/Kg | | A |
| 42593 | 4 | | | | 53-70-3 | 350 | | ug/Kg | | V . |
| 42693 42993 | 0 | | | | 53-70-3 | 520 | | ug/Kg | | <u>J</u> |
| 42993 43193 | 0 | | | | 53-70-3 53-70-3 | 370 360 | | ug/Kg ug/Kg | | <u> </u> |
| 43393 | 4 | | | | 53-70-3 | 350 | | ug/Kg i | | v |
| | | | | | 53-70-3 | 380 | | ug/Kg | |) |
| 43493 | 0 | 2 IN | SOMUUOUME ! | DIDENZ(A, II) ANTI I I I I I I I I I I I I I I I I I I | 00-10-0 | | 300 | | | |
| 43493 43693 43793 | 4 | | | | 53-70-3 | 350 | | ug/Kg | | v |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 1. 64 DEPTH DEPTH 1 3 1 · 4 CATION 1 d. DETECTION LAB RESULT VALIDATION SAMPLE NUMBER END UNIT CAS NO. CODE START ANALYTE LIMIT 🛴 RESULT UNITS QUALIFIER QUALIFIER DIBENZ(A,H)ANTHRACENE 43893 2.IN SS40010AF 53-70-3 AM 400 ug/Kg | U 2!IN ISS40091AF 43993 0 DIBENZ(A,H)ANTHRACENE 53-70-3 380 380 ug/Kg | U 44093 0 2 IN SS40090AE |DIBENZ(A,H)ANTHRACENE 53-70-3 400 400 ug/Kg IU 144393 0 2 IN SS40005AE DIBENZIA HIANTHRACENE 153-70-3 380 380 ug/Kg :U 44893 0 2IIN ISS40070AE DIBENZ(A,H)ANTHRACENE 153-70-3 440 440 ug/Kg !U 45693 DIBENZ(A,H)ANTHRACENE 2 IN SS40094AE 53-70-3 480 480 ug/Kg | U IN 45793 2IIN SS40015AE DIBENZ(A.H)ANTHRACENE 53-70-3 500 76 ug/Kg ¦J A 46193 2 IN SS40096AE DIBENZ(A,H)ANTHRACENE 53-70-3 420 ug/Kg U 0 420 ī SS40141AE DIBENZ(A,H)ANTHRACENE 53-70-3 330 360 ug/Kg | U v 46793 SS40142AE DIBENZ(A,H)ANTHRACENE 53-70-3 360 ug/Kg | U 330 SS40143AE 46893 DIBENZ(A,H)ANTHRACENE 53-70-3 330 370:ug/Kg | U V 47093 SS40145AE DIBENZ(A,H)ANTHRACENE 53-70-3 330 370 ug/Kg (U SS400293 0 2:IN SS40018AE DIBENZ(A,H)ANTHRACENE 53-70-3 460 ua/Ka IU SS400393 SS40019AE DIBENZ(A,H)ANTHRACENE 2 IN 53-70-3 350 59 ug/Kg J SS400593 2:IN SS40021AE DIBENZ(A,H)ANTHRACENE 0 53-70-3 340 340 ug/Kg | U 2 IN SS400693 0 SS40022AE DIBENZ(A,H)ANTHRACENE 153-70-3 360 360 ug/Kg | U SS400793 0 2IIN SS40023AE DIBENZ(A,H)ANTHRACENE 53-70-3 380 380 ug/Kg | U SS400893 O 2 IN SS40024AE DIBENZ(A,H)ANTHRACENE 53-70-3 460 460 ug/Kg | U SS401193 0 2|IN SS40027AE DIBENZ(A,H)ANTHRACENE 53-70-3 480 480|ug/Kg | U SS401293 0 2 IN SS40028AE DIBENZ(A,H)ANTHRACENE 53-70-3 360 360 ug/Kg | U SS401393 O 2 IN SS40029AE DIBENZ(A,H)ANTHRACENE 53-70-3 470 470 ug/Kg | U V iSS401593 0 2 IN ISS40031AE DIBENZ(A,H)ANTHRACENE 53-70-3 430 430 ug/Kg | U ISS401693 O. 21IN SS40032AF DIBENZ(A,H)ANTHRACENE 53-70-3 360 360 ug/Kg U v O: 380 ug/Kg |U ISS401893 2| IN ISS40034AE DIBENZ(A,H)ANTHRACENE 153-70-3 380 SS40039AE SS402393 O 2IIN DIBENZ(A.H)ANTHRACENE 53-70-3 380 380 ug/Kg iU v SS402593 DIBENZ(A,H)ANTHRACENE Õ SS40041AE 53-70-3 21IN 440 440 ug/Kg | U DIBENZ(A,H)ANTHRACENE SS402793 SS40043AE 0 2 IN 53-70-3 370 44 ug/Kg | J A SS402893 SS40044AE 0 2IIN DIBENZ(A,H)ANTHRACENE 153-70-3 350 38 ug/Kg | J A SS402993 2IIN SS40045AE DIBENZ(A,H)ANTHRACENE 0 53-70-3 V 340 340 ug/Kg U SS403093 0 2 IN SS40046AE DIBENZ(A,H)ANTHRACENE 53-70-3 700 700 ug/Kg U IV SS403193 O 21IN SS40047AE DIBENZ(A,H)ANTHRACENE 53-70-3 460 460 ug/Kg |U IV SS403293 Ö 2 IN SS40048AE DIBENZ(A,H)ANTHRACENE 53-70-3 440 440 ug/Kg U V SS403393 õ SS40049AE DIBENZ(A,H)ANTHRACENE 53-70-3 630 630 ug/Kg | U IV S\$403493 0 SS40050AE DIBENZ(A,H)ANTHRACENE 53-70-3 420 420 ug/Kg | U iV SS403593 Ö SS40051AE DIBENZ(A,H)ANTHRACENE 53-70-3 390 390 ug/Kg | U V DIBENZ(A,H)ANTHRACENE DIBENZ(A,H)ANTHRACENE SS403693 SS40052AE 0 47 ug/Kg |J 153-70-3 390 IA SS810893 ō SSG0102JE 53-70-3 330 38 ug/Kg J IA SS811493 DIBENZ(A,H)ANTHRACENE ō 3 IN SSG0108JE 330 210 ug/Kg | J A 05093 2IIN SS00002AE DIBENZOFURAN ō 132-64-9 360 360 ug/Kg | U 05 193 7 211N SS00003AE DIBENZOFURAN 132-64-9 380|ug/Kg |U 05393 0 2 IN SS00005AE DIBENZOFURAN 132-64-9 360 360 ug/Kg | U 40093 0 21IN SS40060AE DIBENZOFURAN 132-64-9 480 480 ug/Kg | U 40293 n 2 IN !SS40042AE DIBENZOFURAN 132-64-9 450 450 ug/Kg | U 40398 440 ug/Kg | U 0 2 IN SS40053AF DIBENZOFURAN 132-64-9 440 40693 O 21IN ISS40057AF DIRENZOFURAN 132-64-9 600 600 ug/Kg |U DIBENZOFURAN 407.93 0 2!IN ISS40058AF 132-64-9 590 63 ug/Kg iJ 40893 SS40004AE DIBENZOFURAN Ö 2 IN 132-64-9 330 400 ug/Kg U 140993 DIBENZOFURAN 0 2 IN SS40072AE 132-64-9 390 390|ug/Kg | U SS40007AE 41 193 0 2 IN DIBENZOFURAN 132-64-9 500 500 ug/Kg U 41293 SS40071AF DIBENZOFURAN 0 2 IN 132-64-9 740 740 ug/Kg U V 41593 SS40073AE 4 6 IN DIBENZOFURAN 132-64-9 350 350 ug/Kg | U 41693 ISS40410AE DIBENZOFURAN 0 2IIN 132-64-9 450 450 ug/Kg | U V 41793 O SS40077AE 2 IN DIBENZOFURAN 132-64-9 390 390 ug/Kg | U 41993 0 2 IN SS40009AE DIBENZOFURAN 132-64-9 400 400 ug/Kg | U 42093 0 2 IN SS40480AE DIBENZOFURAN 1132-64-9 ĪV 350 350 ug/Kg | U DIBENZOFURAN 6 IN SS40012AE 132-64-9 350 350 ug/Kg | U īV 42293 SS40078AF DIBENZOFURAN 132-64-9 380 380|ug/Kg | U L 42393 ō 21IN SS40079A DIBENZOFURAN 132-64-9 360 360 ug/Kg U V SS40082AE DIBENZOFURAN 42593 6 IN 132-64-9 350 350 ug/Kg | U 42693 0 SS40080AE DIBENZOFURAN 132-64-9 520 520 ug/Kg | U 42993 SS40056AE DIBENZOFURAN 0 2: IN 1132-64-9 370 370 ug/Kg | U 43193 0 SS40084AE DIBENZOFURAN 2IIN 132-64-9 360 360 ug/Kg | U 43393 4 SS40087AE DIBENZOFURAN 6 IN 132-64-9 350 350|ug/Kg | U 43493 0 2 IN SS40086AE DIBENZOFURAN 132-64-9 380 380 ug/Kg | U 43693 4 6IN SS40089AE DIBENZOFURAN 132-64-9 350 350 ug/Kg | U 43793 0 2 IN SS40088AE DIBENZOFURAN 132-64-9 380 380 ug/Kg | U 43893 ō 21IN SS40010AE DIBENZOFURAN 1132-64-9 400 400 ug/Kg U 43993 O. 2 IN SS40091AE DIBENZOFURAN 132-64-9 380 380 ug/Kg | U 44093 0 2IIN SS40090AF DIBENZOFURAN 132-64-9 400 400 ug/Kg U 44393 0 211N ISS40005AF DIBENZOFURAN 132-64-9 380 380 ug/Kg U DIBENZOFURAN 44893 0 2 IN SS40070AE 132-64-9 440 440 ug/Kg U V 45693 0 SS40094AF 2 IN DIBENZOFURAN 132-64-9 480 480 ug/Kg | U 45793 ISS40015AE DIBENZOFURAN 55 ug/Kg |J 0 2:IN 132-64-9 500 46193 2 IN SS40096AF DIBENZOFURAN 0 132-64-9 420 420 ug/Kg 1U ĪΫ DIBENZOFURAN 46693 SS40141AE 6IN 1132-64-9 330 360 ug/Kg IU V SS40142AE DIBENZOFURAN 6 IN 132-64-9 330 360 ug/Kg 1U 46893 SS40143AF DIBENZOFURAN 132-64-9 330 370 ug/Kg | U V 47093 SS40145AE DIBENZOFURAN 132-64-9 330 370 ug/Kg | U

3)2

. . .

| | | | | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - O | rganics | T 1888 | | . T T A B |
|--------------------------|--------------|-------------|-------------------------|--|----------------------|---------------|---------|----------------|-------------|-----------------------------------|
| LOCATION | DEPTH | DEPTH | | A CARLON AND A CARLON | 1 | DÉTECTION | * 4 | 1 | LAB RESULT | VALIDATION |
| CODE | START | END UNI | T SAMPLE NUMBER | ANALYTE | CAS NO. | | | | QUALIFIER | Carried Street Control of Control |
| S6400293 | 0 | | | DIBENZOFURAN DIBENZOFURAN | 132-64-9 132-64-9 | 460 350 | | ug/Kg | | V |
| SS400393 SS400593 | <u>0</u> | | | | 132-64-9 | 340 | | ug/Kg ug/Kg | | V |
| SS\$00693 | ō | | | DIBENZOFURAN | 132-64-9 | 360 | 360 | ug/Kg | U | V |
| SS400793 | 0 | | | DIBENZOFURAN | 132-64-9 | 380 | | ug/Kg | | V |
| SS400893 | 0 | | | DIBENZOFURAN | 132-64-9 132-64-9 | 460 | | ug/Kg | | V |
| SS401193 SS401293 | 0 | | | | | 360 | | ug/Kg ug/Kg | | V |
| SS401393 | ő | | | | 132-64-9 | 470 | | ug/Kg | | v |
| SS401593 | 0 | | | | 132-64-9 | 430 | 430 | ug/Kg | U | V |
| SS401693 | 0 | | | | 132-64-9 | 360 | | ug/Kg | | V |
| SS401893 SS402393 | 0 | | SS40034AE SS40039AE | | 132-64-9 132-64-9 | 380 | | ug/Kg ug/Kg | | V V |
| SS402593 | 0 | | SS40041AE | | 132-64-9 | 440 | | ug/Kg | | v v |
| SS402793 | 0 | | SS40043AE | | 132-64-9 | 370 | | ug/Kg | | A |
| SS402893 | 0 | | SS40044AE | DIBENZOFURAN | 132-64-9 132-64-9 | 350 | | ug/Kg | | V V |
| SS402993 SS403093 | 0 | | | DIBENZOFURAN DIBENZOFURAN | 132-64-9 | 340 700 | | ug/Kg ug/Kg | | V |
| S\$403193 | - | | | DIBENZOFURAN | 132-64-9 | 460 | | ug/Kg | | V |
| SS403293 | 0 | | | DIBENZOFURAN | 132-64-9 | 440 | 440 | ug/Kg | U | V |
| SS403393 | 0 | | SS40049AE | | 132-64-9 | 630 | | ug/Kg | | V |
| S\$403493 S\$403593 | 0 | | | | 132-64-9 132-64-9 | 420 390 | | ug/Kg ug/Kg | | V V |
| SS403693 | 0 | | | | 132-64-9 | 390 | | ug/Kg | | V |
| SS810893 | 0 | 3 IN | SSG0102JE | | 132-64-9 | 330 | 340 | ug/Kg | U | V |
| SS811193 | 0 | | SSG0105JE | DIBENZOFURAN | 132-64-9 | 330 | | ug/Kg | | V |
| SS811493 P208989 | 0 | | | | 132-64-9 124-48-1 | 330 | | ug/Kg ug/Kg | | V |
| 05193 | 0 | | | | 60-57-1 | 18 | 18 | ug/Kg | Ü | V |
| 05393 | 0 | 2 IN | | | 60-57-1 | 17 | 17 | ug/Kg | UX | Z |
| 40093 | 0 | | | | 60-57-1 | 23 | | ug/Kg | | V |
| 40293 | 0 | | | | 60-57-1 60-57-1 | 21 | | ug/Kg ug/Kg | | V |
| 40693 | 0 | | SS40057AE | DIELDRIN | 60-57-1 | 29 | | ug/Kg | | V |
| 40793 | 0 | | SS40058AE | DIELDRIN | 60-57-1 | 28 | 28 | ug/Kg | U | V |
| . 40893 | 0 | | SS40004AE | DIELDRIN | 60-57-1 | 16 | | ug/Kg | | <u>v</u> . |
| 41193 | 0 | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 19 | | ug/Kg ug/Kg | | V V |
| 41293 | 0 | | | DIELDRIN | 60-57-1 | 36 | | ug/Kg | | v · |
| 141593 | 4 | 6 IN | | DIELDRIN | 60-57-1 | 17 | | ug/Kg | IU | V |
| 41693 | 0 | | | | 60-57-1 | 21 | | ug/Kg | | V |
| 41793 | 0 | | SS40077AE SS40009AE | | 60-57-1 60-57-1 | 19 | | ug/Kg ug/Kg | | V V |
| 42093 | 0 | | | | 60-57-1 | 17 | | ug/Kg | | v · |
| 42193 | 4 | | | | 60-57-1 | 17 | 17 | ug/Kg | {U | J |
| 42393 | . 0 | | | DIELDRIN | 60-57-1 | 17 | | ug/Kg | | V |
| 42693 42993 | 0 | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 25 | | ug/Kg ug/Kg | | V |
| 43393 | 4 | | | | 60-57-1 | 17 | | ug/Kg | | · v |
| 43693 | 4 | | | | 60-57-1 | 17 | 17 | ug/Kg | U | V |
| 43793 | 0 | | | | 60-57-1 | 18 | | ug/Kg | | V |
| 43893 43993 | 0 | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 19 18 | | ug/Kg ug/Kg | | V · |
| 44093 | 0 | | | DIELDRIN | 60-57-1 | 19 | | ug/Kg | | V |
| 44393 | 0 | 2 IN | SS40005AE | DIELDRIN | 60-57-1 | 18 | 18 | ug/Kg | U | V |
| 44893 45693 | 0 | | | | 60-57-1 | 21 | | ug/Kg | | V |
| 45793 | 0 | | | | 60-57-1 60-57-1 | 23 | | ug/Kg ug/Kg | | V |
| 46193 | 0 | | | | 60-57-1 | 20 | | ug/Kg | | v |
| 46693 | 4 | 6:IN | | | 60-57-1 | 16 | 17 | ug/Kg | U | V |
| 46793 | 4 | | | | 60-57-1 | 16 | 18 | ug/Kg | U | V |
| 46893 47093 | 4 0 | | | | 60-57-1 60-57-1 | 16 16 | | ug/Kg ug/Kg | | V V |
| SS400293 | 0 | | | | 60-57-1 | 22 | | ug/Kg | | V |
| SS400393 | 0 | 2 IN | SS40019AE | DIELDRIN | 60-57-1 | 17 | 17 | ug/Kg | บ | V |
| SS400593 ISS400693 | 0 | | | | 60-57-1 | 16 | | ug/Kg | | V |
| \$\$400693 \$\$400793 | 0 0 | | | | 60-57-1 60-57-1 | 17 18 | 17 | ug/Kg ug/Kg | U | V |
| SS400893 | 0 | | | | 60-57-1 | 22 | 22 | ug/Kg | Ū | v |
| SS401193 | 0 | 2:IN | SS40027AE | | 60-57-1 | 23 | 23 | ug/Kg | ŀU | V |
| SS401293 | 0 | | | | 60-57-1 | 17 | 17 | ug/Kg | | V |
| SS401393 SS401593 | 0 | | | | 60-57-1 60-57-1 | 23 | 23 | ug/Kg ug/Kg | !U | <u>V</u> V |
| SS401693 | 0 | | | | 60-57-1 | 17 | 17 | ug/Kg | Ü | <u>v</u> |
| SS401893 | 0 | 2 IN | SS40034AE | DIELDRIN | 60-57-1 | 18 | 18 | ug/Kg | U | V |
| SS402393 | 0 | | | | 60-57-1 | 18 | | ug/Kg | | V |
| SS402593 SS402793 | 0 | | | | 60-57-1 | 21 | | ug/Kg | | V |
| 33402793 | 0 | 2 IN | SS40043AE | DIELDRIN | 60-57-1 | 18 | 18 | ug/Kg | ĮU , | V |

| | | | · | | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - Or | ganics | | | |
|-------------------------|---------|-------|-------------|--|--|-----------------------------|----------------|----------------------|------------|-------------|--------------|
| LOCATION | | DEPTH | \$ 0° | | | 394 | DETECTION | 1.42 0 | * | LAB RESULT | VALIDATION |
| CODE | START | END - | UNIT | form or the same of the same o | ANALYTE | CAS NO. | LIMIT | | | QUALIFIER | |
| SS402893 SS402993 | 0 | | IN | SS40044AE | | 60-57-1 | 17 | | | | V |
| ISS403093 | . 0 | | IN | SS40045AE SS40046AE | | 60-57-1 60-57-1 | 16 | | | | V |
| SS403193 | 0 | 2 | IN | SS40047AE | DIELDRIN | 60-57-1 | 22 | | | | v V |
| SS403293 SS403393 | 0 | | | W | | 60-57-1 | 21 | | | | V |
| SS403393 SS403493 | 0 | | | | | 60-57-1 60-57-1 | 30 | | | | V V |
| SS403593 | 0 | 2 | IN | SS40051AE | | 60-57-1 | 19 | | | | · |
| . ISS403693 | 0 | | | | | 60-57-1 | 19 | | | | V |
| SS606292 SS620292 | 0 | | | | | 60-57-1 60-57-1 | 16 16 | | | | V |
| SS810893 | O | 3 | IN | SSG0102JE | | 68334-30-5 | 25 | | | | Ÿ |
| SS811193 SS811493 | 0 | | | | | 68334-30-5 | 25 | | | | Y |
| 05093 | 0 | | | SSG0108JE SS00002AE | | 68334-30-5 84-66-2 | 25 360 | | | | Y Z |
| 105193 | 0 | 2 | | | *************************************** | 84-66-2 | 380 | | | | v |
| 05393 | 0 | | | | | 84-66-2 | 360 | | | | Z |
| 40093 | 0 | | | SS40060AE SS40042AE | | 84-66-2 84-66-2 | 480 450 | | | | V |
| 40393 | 0 | | | SS40053AE | | 84-66-2 | 440 | | | | <u> </u> |
| 40693 | 0 | | | SS40057AE | | 84-66-2 | 600 | 600 ug/l | (g | U į | V |
| 40793 | 0 | | | | | 84-66-2 84-66-2 | 590 330 | 590 ug/l | | | v v |
| 40993 | 0 | | | | | 84-66-2 | 330 | 400 ug/l 390 ug/l | | | V |
| 41193 | 0 | | IN | SS40007AE | DIETHYL PHTHALATE | 84-66-2 | 500 | 500 ug/l | (g | U | V |
| 41293 41593 | 0 | | | | | 84-66-2 84 - 66-2 | 740 | 740 ug/l | | | V . |
| 41693 | 0 | | | | | 84-66-2 | 350 450 | 350 ug/l 450 ug/l | | | V |
| 41793 | 0 | | IN | SS40077AE | DIETHYL PHTHALATE | 84-66-2 | 390 | 390 ug/i | | | |
| 41993 | 0 | | | | | 84-66-2 | 400 | 400 ug/l | | | |
| 42193 | 4 | | | | | 84-66-2 84-66-2 | 350 350 | 350 ug/l 350 ug/l | | | v v |
| 42293 | 0 | 2 | IN | SS40078AE | | 84-66-2 | 380 | 9800 ug/l | | | ž |
| 42393 | 0 | | | | | 84-66-2 | 360 | 360 ug/l | | | v |
| 42593 42693 | 4 | | | | War and the War and the Company of t | 84-66-2 84-66-2 | 350 520 | 350 ug/l 520 ug/l | | | J V |
| 42993 | 0 | | | | | 84-66-2 | 370 | 370 ug/l | | | |
| 43193 | 0, | | | | | 84-66-2 | 360 | 360 ug/l | (g | Ú . | |
| 43393 | 4 | | | | | 84-66-2 84-66-2 | 350 380 | 350 ug/l | | | <u>v</u> |
| 43693 | 4 | | | | | 84-66-2 | 350 | 380 ug/l 350 ug/l | | | J V |
| 43793 | 0 | | | | DIETHYL PHTHALATE | 84-66-2 | 380 | 380 ug/l | | | V |
| 43893 | 0 | | | | | 84-66-2 | 400 | 400 ug/l | | | V |
| 44093 | 0 | | | | | 84-66-2 84-66-2 | 380 400 | 380 ug/l 400 ug/l | | | V |
| 44393 | 0 | | IN | SS40005AE | DIETHYL PHTHALATE | 84-66-2 | 380 | 380 ug/l | g | U | V |
| 44893 46693 | 0 4 | | | | | 84-66-2 | 440 | 440 ug/l | | | V |
| 46793 | 4 | | | ~~~ | | 84-66-2 84-66-2 | 330 330 | 360 ug/l 360 ug/l | | | V V |
| 46893 | 4 | ~ | | | | 84-66-2 | 330 | 370 ug/l | | | ř |
| 47093 SS400293 | 0 | | | | | 84-66-2 | 330 | 370 ug/h | g | U | V |
| SS400293 SS400393 | 0 | | | | | 84-66-2 84-66-2 | 460 350 | 460 ug/l 350 ug/l | g | | V · |
| S\$400593 | 0 | 2 | IN | SS40021AE | DIETHYL PHTHALATE | 84-66-2 | 340 | 340 ug/k | g | Ŭ | V |
| SS400693 | 0 | | | | | 84-66-2 | 360 | 360 ug/k | g | U | v |
| SS400793 SS400893 | 0 | | | | | 84-66-2 84-66-2 | 380 460 | 380 ug/k 460 ug/k | | | v v |
| SS401193 | 0 | 2 | IN : | SS40027AE | | 84-66-2 | 480 | 480 ug/k | | | v |
| SS401293 | 0 | | | | | 84-66-2 | 360 | 360 ug/k | g | U i | V |
| SS401393 SS401593 | 0 | | | | | 84-66-2 84-66-2 | 470 430 | 470 ug/k | | | <u> </u> |
| SS401693 | o, | | | | | 84-66-2 | 360 | 430 ug/k 360 ug/k | | | <u>v</u> |
| SS401893 | 0. | | IN | SS40034AE | DIETHYL PHTHALATE | 34-66-2 | 380 | 380 ug/k | g I | Ŭ į | V |
| SS402393 SS402593 | 0 | | | | | 84-66-2 84-66-2 | 380 | 380 ug/k | | | / |
| SS402793 | 0 | | | | | 34-66-2 | 440 370 | 440 ug/k 370 ug/k | | | / |
| SS402893 | 0 | 2 | IN | SS40044AE i | DIETHYL PHTHALATE | 34-66-2 | 350 | 350 ug/k | gi | U [| / |
| SS402993 SS403093 | 0 | | | | | 34-66-2 | 340 | 340 ug/k | | | / |
| SS403093 SS403193 | 0, | | | | | 34-66-2 34-66-2 | 700 460 | 700 ug/K 460 ug/K | | | / |
| SS403293 | 0 | 2 | IN [| S\$40048AE | DIETHYL PHTHALATE | 34-66-2 | 440 | 440 ug/K | | | / |
| SS403393 | 0 | | | | | 34-66-2 | 630 | 630 ug/K | g II | J i | / |
| SS403493 SS403593 | 0; 0 | 2 | | | | 34-66-2 34-66-2 | 420; 390; | 420 ug/k 390 ug/k | | | |
| SS403693 | 0 | 2 | IN : | SS40052AE | | 34-66-2 | 390 | 390 ug/K | | | |
| SS810893 | 0 | | | | DIETHYL PHTHALATE | 34-66-2 | 330 | 340 ug/K | g I | Ŭ Ņ | 7 |
| SS81,1193 SS811493 | 0 | 3 | | | | 34-66-2 34-66-2 | 330 | 350 ug/K | | | |
| 1 200 1 | : " | اد | 10.4 | . 11 | PICTURE PRINCIPAL | ×-00-∠ | 330 | 380 ug/K | <u>g (</u> | <u>را</u> | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics \$. W. 997 P.B. 1880 LOCATION DEPTH DEPTH 100 DETECTION LAB RESULT VALIDATION RESULT UNITS QUALIFIER CODE START END UNIT SAMPLE NUMBER ANALYTE CAS NO. LIMIT QUALIFIER DIMETHLY PHTHALATE 05093 SS00002AE 131-11-3 360 360 ug/Kg | U 2 IN 05193 SS00003AE DIMETHLY PHTHALATE 131-11-3 380 380 ug/Kg | U 05393 ō 2 IN SS00005AE DIMETHLY PHTHALATE 1131-11-3 360 360|ug/Kg |U 40093 ō 2!IN SS40060AE DIMETHLY PHTHALATE 480 ug/Kg [U 131-11-3 480 40293 2 IN SS40042AE DIMETHLY PHTHALATE 0 131-11-3 450 450 ug/Kg U 40393 ō 2 IN SS40053AE DIMETHLY PHTHALATE 440 ug/Kg |U 131-11-3 440 īv 40693 0 2111 SS40057AE DIMETHLY PHTHALATE 131-11-3 600 600 ug/Kg |U 40793 0 2 IN SS40058AE DIMETHLY PHTHALATE 131-11-3 590 590 ug/Kg | U 40893 0 2 IN SS40004AE DIMETHLY PHTHALATE 131-11-3 330 400 ug/Kg U 40993 ō 21IN SS40072AF DIMETHLY PHTHALATE 131-11-3 390 ug/Kg | U 390 41193 0 2 IN SS40007AF DIMETHLY PHTHALATE 131-11-3 500 500 ug/Kg ¡U 41293 O 2/IN SS40071AF DIMETHLY PHTHALATE 131-11-3 740 740 ug/Kg (U V 41593 4 611N SS40073AF DIMETHLY PHTHALATE 1131-11-3 350 350 ug/Kg ¦U IV 41693 Ö 21IN SS40410AE DIMETHLY PHTHALATE 131-11-3 450 450 ug/Kg | U V 41793 ō 2 IN SS40077AE DIMETHLY PHTHALATE 131-11-3 390 390 ug/Kg | U 41993 0 2 IN SS40009AE DIMETHLY PHTHALATE 131-11-3 400 400 ug/Kg | U 42093 2 IN SS40480AE DIMETHLY PHTHALATE V 131-11-3 350 350 ug/Kg :U SS40012AE DIMETHLY PHTHALATE 6 IN 131-11-3 350 350|ug/Kg |U V 2 IN DIMETHLY PHTHALATE 42293 SS40078AE 131-11-3 380 380 ug/Kg | U 1.1 SS40079AE 42393 0 DIMETHLY PHTHALATE 131-11-3 360 ug/Kg | U 360 īV DIMETHLY PHTHALATE SS40082AE 42593 6 IN 131-11-3 350 350 ug/Kg | U V DIMETHLY PHTHALATE 42693 SS40080AE 131-11-3 520 520 ug/Kg U IJ SS40056AE DIMETHLY PHTHALATE 42993 0 370 131-11-3 370 ug/Kg | U V SS40084AE DIMETHLY PHTHALATE 43193 131-11-3 360 360 ug/Kg | U 43393 SS40087AE DIMETHLY PHTHALATE 6 IN 131-11-3 350 350 ug/Kg | U ٧ 43493 O 2 IN SS40086AE DIMETHLY PHTHALATE 131-11-3 380 380 ug/Kg | U 43693 4 6IN SS40089AE DIMETHLY PHTHALATE 131-11-3 350 350 ug/Kg | U v 43793 0 2|IN SS40088AE DIMETHLY PHTHALATE 131-11-3 380 380 ug/Kg | U V 43893 O 2 IN SS40010AE DIMETHLY PHTHALATE 131-11-3 400 400 ug/Kg U 43993 0 2IIN SS40091AE DIMETHLY PHTHALATE 131-11-3 380 380|ug/Kg |U V 44093 44393 0 2!IN SS40090AF DIMETHLY PHTHALATE 131-11-3 400 400 ug/Kg U 0 2 IN ISS40005AF DIMETHLY PHTHALATE 131-11-3 380 ίν 380 ug/Kg | U 44893 0 2IIN ISS40070AE DIMETHLY PHTHALATE 131-11-3 440 440 ug/Kg | U V 45693 0 SS40094AF 211N DIMETHLY PHTHALATE 131-11-3 480 480 ug/Kg | U IV 45793 0 SS40015AE 2! IN DIMETHLY PHTHALATE 131-11-3 500 500 ug/Kg | U V 46193 0 2 IN SS40096AF DIMETHLY PHTHALATE 131-11-3 420 420 ug/Kg | U īv 46693 360|ug/Kg |U 6!IN SS40141AE DIMETHLY PHTHALATE 131-11-3 330 W 46793 6IIN SS40142AE DIMETHLY PHTHALATE 131-11-3 330 360 ug/Kg U īv 46893 6 IN SS40143AE DIMETHLY PHTHALATE 131-11-3 330 370 ug/Kg | U ĪV 47093 0 1IIN SS40145AE DIMETHLY PHTHALATE 1131-11-3 330 370 ug/Kg | U V SS400293 2 IN SS40018AE DIMETHLY PHTHALATE 131-11-3 460 460 ug/Kg TU V SS400393 SS40019AE DIMETHLY PHTHALATE 2 IN 131-11-3 350 350 ug/Kg U V SS400593 SS40021AE DIMETHLY PHTHALATE 131-11-3 340 340 ug/Kg | U īV SS400693 O 2 IN SS40022AE DIMETHLY PHTHALATE 1131-11-3 360 360 ug/Kg U IV SS400793 SS40023AE DIMETHLY PHTHALATE 131-11-3 380 380 ug/Kg (U V SS400893 SS40024AE DIMETHLY PHTHALATE ō 2 IN 131-11-3 460 460 ug/Kg | U V SS401193 SS40027AE DIMETHLY PHTHALATE 131-11-3 480 480 ug/Kg | U V SS401293 0 SS40028AE DIMETHLY PHTHALATE 2IIN 131-11-3 360 360 ug/Kg | U SS401393 SS40029AE DIMETHLY PHTHALATE O 2 IN 131-11-3 470 470 ug/Kg | U SS401593 0 2IIN SS40031AE DIMETHLY PHTHALATE 131-11-3 430 430 ug/Kg | U SS401693 n 2IIN SS40032AE DIMETHLY PHTHALATE 131-11-3 360 360 ug/Kg | U SS401893 ٥ 2IN SS40034AE DIMETHLY PHTHALATE 131-11-3 380 380 ug/Kg | U SS402393 n 2IIN SS40039AE DIMETHLY PHTHALATE 131-11-3 380 380 ug/Kg (U SS402593 0 2 IN SS40041AE DIMETHLY PHTHALATE 131-11-3 440 440 ug/Kg U SS402793 0 2111 SS40043AF DIMETHLY PHTHALATE 131-11-3 370 370 ug/Kg | U DIMETHLY PHTHALATE SS402893 ٥ 2 IN SS40044AF 131-11-3 350 350 ug/Kg | U SS402993 0 2 IN SS40045AE DIMETHLY PHTHALATE 131-11-3 340 340 ug/Kg | U SS403093 DIMETHLY PHTHALATE 0 2 IN SS40046AF 131-11-3 700 700 ug/Kg | U ١V SS403193 DIMETHLY PHTHALATE 0 2 IN SS40047AE 131-11-3 460 460 ug/Kg U SS403293 SS40048AF 131-11-3 0 21IN DIMETHLY PHTHALATE 440 440 ug/Kg | U īV SS403393 DIMETHLY PHTHALATE 0 2:IN SS40049AE 131-11-3 630 630 ug/Kg | U SS403493 ō SS40050AF 21IN DIMETHLY PHTHALATE 131-11-3 420 420 ug/Kg | U W SS403593 ō 2IIN SS40051AE DIMETHLY PHTHALATE 131-11-3 390 390|ug/Kg | U DIMETHLY PHTHALATE SS403693 ō 2IIN SS40052AE 131-11-3 390 390 ug/Kg U ĬΫ SS810893 Õ 3 IN SSG0102JE DIMETHLY PHTHALATE 131-11-3 330 340 ug/Kg | U īV S\$811193 SSG0105JE DIMETHLY PHTHALATE 131-11-3 330 350 ug/Kg | U V SS811493 ō 3 IN ISSG0108JE DIMETHLY PHTHALATE 131-11-3 330 380 ug/Kg | U IV 05093 0 2 IN 84-74-2 SS00002AE DI-N-BUTYL PHTHALATE 360 48|ug/Kg |J 05193 0 2|IN SS00003AE DI-N-BUTYL PHTHALATE 380 380|ug/Kg | U 05397 0 2 IN SS00005AE DI-N-BUTYL PHTHALATE 360 39|ug/Kg |J IZ SS40060AE 84-74-2 40093 0 2IN DI-N-BUTYL PHTHALATE 480 ug/Kg U 480 40293 o 2 IN SS40042AE DI-N-BUTYL PHTHALATE 84-74-2 450 450 ug/Kg | U 40393 0 2 IN SS40053AE DI-N-BUTYL PHTHALATE 84-74-2 440 ug/Kg :U 440 IJ 40693 O 2 IN SS40057AE DI-N-BUTYL PHTHALATE 84-74-2 600 66|ug/Kg |J IA 40793 O 2|IN SS40058AE DI-N-BUTYL PHTHALATE 84-74-2 590 80 ug/Kg IJ A 40893 0 2:IN SS40004AE DI-N-BUTYL PHTHALATE 84-74-2 330 400 ug/Kg U 40993 O 2 IN ISS40072AF DI-N-BUTYL PHTHALATE 84-74-2 390 43 ug/Kg |J A SS40007AE 84-74-2 41193 0 2 IN DI-N-BUTYL PHTHALATE 500 500 ug/Kg U

| 1. 18 v 34 | * A | 104 4 | . 🐞 3 | 123. Y .a .a. | Evaporation Ponds AOC - Analytical Res | 14. A. A. | A. T. E. A. | the state of | | | Sec. 35 |
|----------------------|------------------------------|---|-------------------|------------------------|---|----------------------|-------------|--------------|------------------|-------------|-----------|
| LOCATION | DEPTH | | | ** | | | DETECTION | | | LAB RESULT | |
| CODE | · war altered battle array ! | THE MAN WALL | of week harmonist | SAMPLE NUMBER | ANALYTE DI-N-BUTYL PHTHALATE | CAS NO. 84-74-2 | | | | QUALIFIER | QUALIFIER |
| 41293 41593 | 0 4 | | ZIN SIN | | DI-N-BUTYL PHTHALATE | 84-74-2 | 740 350 | | ug/Kg | | IA V |
| 41693 | 0 | | 2 IN | | | 84-74-2 | 450 | | ug/Kg | | iV |
| 71700 | ! 0 | | 2 IN | | | 84-74-2 | 390 | | ug/Kg | | i |
| 41993 | 0 | | ZIN | | DI-N-BUTYL PHTHALATE | 84-74-2 | 400 | | ug/Kg | | 1 |
| 42093 | 0 | | 2IIN SIN | | | 84-74-2 | 350 | | lug/Kg | | i A |
| 42193 42293 | 0 | | 2:IN | SS40012AE SS40078AE | | 84-74-2 84-74-2 | 350 380 | | ug/Kg ug/Kg | | J |
| 42393 | 0 | | | | | 84-74-2 | 360 | | ug/Kg | | J |
| 42593 | 4 | | IN | | | 84-74-2 | 350 | | ug/Kg | | V |
| 42693 | 0 | | IN | | | 84-74-2 | 520 | | lug/Kg | | Α |
| 42993 | 0 | | | | | 84-74-2 | 370 | | ug/Kg | | V |
| 43193 43393 | 0 | | IN IN | SS40084AE SS40087AE | | 84-74-2 84-74-2 | 360 | | lug/Kg | | V |
| 43493 | 0 | | | | | 84-74-2 | 350 380 | · | iug/Kg lug/Kg | | J |
| 43693 | 4 | | IN | | | 84-74-2 | 350 | ************ | ug/Kg | | V |
| 43793 | 0 | 2 | IN | SS40088AE | DI-N-BUTYL PHTHALATE | 84-74-2 | 380 | | ug/Kg | | V |
| 43893 | 0 | | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 400 | | ug/Kg | · | V |
| 43993 | 0 | | IN | | | 84-74-2 | 380 | | ug/Kg | | V |
| 44093 44393 | 0 | *************************************** | | | | 84-74-2 84-74-2 | 400 380 | | lug/Kg | | i V |
| 44893 | . 0 | | | | ·-·- | 84-74-2 | 440 | | lug/Kg lug/Kg | | V |
| 45693 | 0 | | | | | 84-74-2 | 480 | | lug/Kg | | A |
| 45793 | 0 | 2 | IN | SS40015AE | DI-N-BUTYL PHTHALATE | 84-74-2 | 500 | 104 | ug/Kg | J | A |
| 46193 | 0 | | IN | | | 84-74-2 | 420 | | ug/Kg | | Α |
| 46693 | 4 | | | | | 84-74-2 | 330 | | ug/Kg | | V |
| 46793 46893 | 4 | | | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 84-74-2 | 330 330 | | ug/Kg ug/Kg | | V |
| 47093 | 0 | | IIN | | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | | ug/Kg | | v |
| SS400293 | 0 | | IN | | | 84-74-2 | 460 | <u> </u> | ug/Kg | | V |
| SS400393 | 0 | | IN | SS40019AE | DI-N-BUTYL PHTHALATE | 84-74-2 | 350 | 350 | ug/Kg | U | V |
| SS400593 | 0 | | IIN | | | 84-74-2 | 340 | h | ug/Kg | | Α |
| \$400693 \$400793 | 0 | | IN IN | | | 84-74-2 | 360 | | ug/Kg | | V |
| S400793 | 0 | | ··· | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 84-74-2 | 380 460 | | ug/Kg ug/Kg | | V V |
| SS401193 | 0 | | | | | 84-74-2 | 480 | | ug/Kg | | V |
| S\$4Q1293 | 0 | | | | | 84-74-2 | 360 | | ug/Kg | | V |
| SS401393 | 0 | | | | | 84-74-2 | 470 | 470 | ug/Kg | | V |
| SS401593 | 0 | | | | | 84-74-2 | 430 | | ug/Kg | | V |
| SS401693 SS401893 | 0 | | | | | 84-74-2 84-74-2 | 360 | | ug/Kg | | <u>V</u> |
| S402393 | 0 | | | | | 84-74-2 | 380 380 | | ug/Kg ug/Kg | | V V |
| SS402593 | 0 | | | | | 84-74-2 | 440 | | ug/Kg | | V |
| SS402793 | 0 | 2 | | | | 84-74-2 | 370 | | ug/Kg | | V |
| SS402893 | 0 | | | | | 84-74-2 | 350 | | ug/Kg | J | Α |
| SS402993 | 0 | | | | | 84-74-2 | 340 | | ug/Kg | | A |
| SS403093 SS403193 | 0 | | | | | 84-74-2 84-74-2 | 700 460 | | ug/Kg ug/Kg | | A V |
| S\$403293 | 0 | | | | | 84-74-2 | 440 | | ug/Kg | | V |
| \$403393 | 0 | | | | | 84-74-2 | 630 | | ug/Kg | | A |
| SS403493 | 0 | 2 | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 420 | | ug/Kg | | J |
| S403593 | 0 | | | | | 84-74-2 | 390 | | ug/Kg | | V |
| SS403693 SS810893 | 0 | | | | | 84-74-2 | 390 | | ug/Kg | | <u>V</u> |
| SS811193 | 0 | | | | | 84-74-2 84-74-2 | 330 330 | | ug/Kg ug/Kg | | V V |
| S811493 | 0 | | | | | 84-74-2 | 330 | | ug/Kg | | V |
| 5093 | 0 | | | SS00002AE | DI-N-OCTYLPHTHALATE | 117-84-0 | 360 | | ug/Kg | | Ż |
| 5193 | 0 | | | SS00003AE | DI-N-OCTYLPHTHALATE | 117-84-0 | 380 | 110 | ug/Kg | J | A |
| 5393 | 0 | | | | | 117-84-0 | 360 | | ug/Kg | | Z |
| 0093 0293 | 0 | | | | | 117-84-0 | 480 | | ug/Kg | | <u>V</u> |
| 0393 | 0 | | | | | 117-84-0 117-84-0 | 450 440 | | ug/Kg ug/Kg | | <u>v</u> |
| 0693 | 0 | | | | | 117-84-0 | 600 | | ug/Kg | | j |
| 0793 | 0 | | IN | SS40058AE | | 117-84-0 | 590 | | ug/Kg | | J |
| 0893 | 0 | | | | | 117-84-0 | 330 | 400 | ug/Kg | U | V |
| 0993 | 0 | | | | | 117-84-0 | 390 | | ug/Kg | | J |
| 1193 1293 | 0 | | | | | 117-84-0 117-84-0 | 500 740 | | ug/Kg ug/Kg | | <u>v</u> |
| 1593 | 4 | | | | | 117-84-0 | 350 | | ug/Kg ug/Kg | | Λ 1 |
| 1693 | 0 | | | | | 117-84-0 | 450 | | ug/Kg | | v V |
| 1793 | 0 | 2 | IN | SS40077AE | DI-N-OCTYLPHTHALATE | 117-84-0 | 390 | | ug/Kg | | , |
| 1993 | 0; | | | | | 117-84-0 | 400 | 400 | ug/Kg | Ü | |
| 2093 | 0 | | | | | 117-84-0 | 350 | | ug/Kg | | V |
| 2193 2293 | 0 | | | | | 117-84-0 117-84-0 | 350 | | ug/Kg | | <u>v</u> |
| 2393 | 0 | | | | | 117-84-0 | 380 360 | | ug/Kg ug/Kg | | J J |
| 2593 | 4) | | | | | 117-84-0 | 350 | | ug/Kg | | <u>v</u> |
| 2693 | 0 | | | | | 117-84-0 | 520 | | ug/Kg | | Ä |

| C | 100 100 | Second S | AMALY DI-N-OCTYLPHTALL DI-N- | 34000428 3400048 34000488 34000488 34000488 34000488 34000488 3400048 | | C | |
|--|---|--|---|---|---|--|--|
| 1. (1) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | OSP | Section Sect | DI-NOCTYLPHTALLA DI-NOCTYLPH | 34000428 3400048 34000488 34000488 34000488 34000488 34000488 3400048 | | C | 200 |
| | 08t 0-th 09t 0-th | | 10.4.0CTVLPHTAELA 10.4.0CTVLPH | 3A000428 3A00428 3A00428 3A00418 3A00428 3A00348 3A | | C | 100 100 100 100 100 100 100 100 100 100 |
| C | OSP | | DI-W-OCTYLPHTHALK- DI-W-OCTYLPHT | 3A6800428 3A680048 3A68 | | C | C620091 C66209 |
| N | OSP | | 01-N-OCTYLPHTHALK- | 3A6800428 3A6800428 3A600438 3A600438 3A600438 3A600948 3A60 | Ni 2 | C | 10000000000000000000000000000000000000 |
| N | 09t 0-th | | 10-4-0CTYLPHTHALA 10-1-0CTYLPHTHALA 10-1-0CTYLPH | 34000428 35400436 35400436 35400436 35400346 35400346 35400346 35400346 35400346 35400346 35400346 3540036 3554036 3 | | C | 100283 10 |
| \(\) | 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th | | DI-W-OCTYLPHTHALA DI-W-OCTYLPH | 3A4000428 3A4004044 3A4004048 3A40048 3A4004048 3A4004048 3A4004048 3A4004048 3A4004048 3A40048 3A4004048 3A4004048 3A4004048 3A4004048 3A4004048 3A40048 | | C | C652091 C6622091 C6622091 C662091 |
| U 99/lgu 008 | OSP | | DI-N-OCTYLPHTHALK DI-N | 3A000428 3A000438 3A00438 3A00438 3A00438 3A00438 3A00438 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A00348 3A0034 | | C | 100283 |
| L. U. 19 Web 16 L. L. L. L. L. L. L. L. L. L. L. L. L. | 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th 00t 0-th | | DI-N-OCTYLPHTHALA DI-N | SS40043NE SS40043NE SS40043NE SS4003NE SS4003 | | C | 100283 10 |
| LI UI 99/90 104 VI UI 99/90 104 VI UI 99/90 105 VI UI | 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th 00tc 0-th | | 01-W-OCTYLPHTHALA 01-W | SS40043AE SS40043AE SS40043AE SS40034AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AAE SS4003AE SS4003AE | | C | 100283 10 |
| 10 10 10 10 10 10 10 10 | OSP | | DI-N-OCTYLPHTHALK DI-N-OCTYLPH | 3A400478E 3A400478E 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE 3A60043AE | | C | 683 (983 (983 (983 (983 (983 (983 (983 (9 |
| No | 09t 0-th 09t 0-th 09t 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th | | DI-N-OCTYLPHTHALK DI-N | SS40043AE SS40043AE SS40043AE SS4003AE SS4003AE | N 2 | Z | 6830 6830 6830 6830 6830 6830 6830 6830 |
| 11 10 10 10 10 10 10 10 | 09t 0-th 09t 0-th 09t 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th 09c 0-th | | OCTVLPHTALLA OLIVOCTYLPHTALLA | SS40043AE SS40043AE SS40043AE SS40034AE SS4003AE SS400 | N 2 N 2 | Z | 100283 10 |
| V | 09t 0-ti 09t 0-ti 09t 0-ti 09t 0-ti 09t 0-ti 09t 0-ti 09t 0-ti 00t 0-ti 00t 0-ti | | DI-W-OCTYLPHTHALE- DI-W-OCTYLPHT | 3A40043AE SS40043AE SS40043AE SS40034AE SS40034AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AE SS40043AE | N 2 | C | C6520M C6620M C6610M C6610M C6610M C6610M C6610M C6610M C660M C6600M C66 |
| \(\) | 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th 09t 0-th | | DI-W-OCTYLPHTHALM DI-W-OCTYLPH | \$\$40045KE \$\$540145KE \$\$540045KE \$\$540034KE \$ | NI | Z | 260000 260000 26000 26000 |
| \(\) | 09t 0-ti 09t 0-ti 09E 0-ti 09E 0-ti 09E 0-ti 09E 0-ti | | DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE DI-WOCTYLPHTHALE | 3540043AE \$540043AE \$540024AE \$5540024AE \$5540022AE \$554002AE \$ | NI 2 | Z | 6000000 |
| \(\) \\(\) | 095 0-44 096 0-44 096 0-44 096 0-44 096 0-44 | | DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- DI-W-OCTYLPHTHALA- | 3540043AE S\$40043AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE | NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 | Z | 000993 000090 000093 000090009 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 09E 0-H 09E 0-H 09E 0-H 09E 0-H 09E 0-H 09E 0-H 09E | | DI-N-OCTYLPHTHALA | 3A40043AE SS40043AE SS40043AE SS40034AE SS4003AE SS4003AE SS4003AE SS4003AE SS4003AE SS40043AE | NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 | Z | 000093 000093 000093 001093 001093 001093 001093 001093 001093 001093 001093 001093 001093 001093 001093 001093 001093 001093 |
| L | 086 0-h 08h 0-h 08h 0-h | | DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA | 3540023AE \$540024AE \$540034AE \$5540034AE \$55400034AE \$5540034AE \$554004AE \$554004AE \$554004AE \$554004AE \$554004AE \$554004AE | NIZ NIZ NIZ NIZ NIZ NIZ NIZ NIZ NIZ | Z | 000793 000793 001790 001793 00 |
| V U 9%gu 034 V U 9%gu 034 V U 9%gu 034 V U 9%gu 035 V U | 097 0-74 | | DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA | S\$40047AE S\$40043AE S\$40034AE S\$4003AE S\$4003AE S\$4003AE S\$4003AE | NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 | Z | 700893 700893 700893 700893 700893 700893 700893 700893 |
| V U gA/gul 084 V U gA/gul 084 V U gA/gul 085 | 087 0-74 | | DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA | 3540043AE 5540043AE 554003AE 554003AE 554004AE 554003AE 5540043AE | NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 | Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 | 01193 01193 01193 01193 01193 01193 01193 |
| V U BY(gu) G05 | | 9-711 3. 9-711 3. 9-711 3. 9-711 3. 9-711 3. | DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA DI-W-OCTYLPHTHALA | SS40028AE SS40029AE SS40031AE SS40033AE SS4003AE | NI 2 NI 2 NI 2 NI 2 NI 2 NI 2 | Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 Z 0 | 001293 001293 001293 001293 001293 |
| V U 97/8u 07+ V U 97/8u 07+ V U 97/8u 08- V | 1000 | 8-711 37 8-711 37 8-711 37 | DIAHTHALYA DIADO-N-IO TALENTOC-N-IO TALENTOC-N-IO TALENTALIANIA DIALENTALIANIA DIALENTALIANIA DIALENTALIANIA DIALENTALIANIA DIALENTALIANIA DIALENTALIANIA | S240034E S240034E S240034E S240035E S240034E | NI Z NI Z NI Z NI Z NI Z | 2 0 2 0 2 0 2 0 2 0 2 0 | 0012833 001883 001883 001883 001883 |
| V U 9%gu 085 V | 0.40 | 8-711 37 8-711 37 8-711 37 | DI-N-OCTYLPHTHALAT DI-N-OCTYLPHTHALAT DI-N-OCTYLPHTHALAT | SS40003PE SS40004PE SS40004PE SS40003PE SS40003PE | NI 2 NI 2 NI 2 NI 2 | 2 0 2 0 2 0 2 0 2 0 | 401693 402393 668104 702393 |
| VI U 97/90/085 | | -8-711 37 -8-711 37 -8-711 37 | DI-N-OCTYLPHTHALY FAHTHALYTO-N-IO FAHTHALYTOO-N-IO | SS40041AE SS40041AE SS40034AE | NI Z NI Z NI Z NI Z | Z 0 Z 0 Z 0 | \$6920t |
| V U gN/gu 08£ V U gN/gu 08£ V U gN/gu 04+ V U gN/gu 05£ L U gN/gu 05£ L U gN/gu 05£ L G gN/gu 05£ V U gN/gu 05£ V | ····· | r8-711 3. | DI-N-OCTYLPHTHALA TAHTH91YTOO-N-IO | S240043PE S240041PE S240039PE | NI Z NI Z NI Z | 2 0 2 0 2 0 | 102393 102393 |
| V U BÄNGU OAA V U BÄNGU OAA V U BÄNGU OAA L U BÄNGU OAA A L BÄNGU OAA V U BÄNGU OAAA V U BÄNGU OAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | | | | 2240043AE | NI | 2 0 | |
| 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 4 C 9/kgu 085 5 C 9/kgu 085 5 C 9/kgu 085 6 C 9/ | ···· | nc/ll: =: | AJAHTHYJY I JO-M-IO | | | | \$6/70* |
| A C BYREUGE A C BYREUGE A C BYREUGE V U B | | | TAJAHTH9JYTOO-N-IQ | SS40044AE | | Z 0 | £6820t |
| A C BN/guiost V U BN/guiost | | -8-711 3 | DI-N-OCTYLPHTHALA | SS40045AE | NI (| | 102993 |
| V U gy/gu/gu/gu V U gy/gu/gu/gu V U gy/gu/gu V U gy/gu V U gy | ···· | | DI-N-OCTYLPHTHALA | S\$40046AE | NI | | \$60505 |
| V U gN/gu/oca V U gN/gu/oca V U gN/gu/oca V U gN/gu/oca A L gN/gu/oca A | ···· | | DI-N-OCTYLPHTHALKI | SA100422 | NI S | | 403193 |
| VI U BYRQU OSA | | | TALAHTHALYTOO-N-IQ | S\$40048E 3A640048S | NI C | | 703383 |
| V U g/kgu/gec V | | | DI-N-OCTYLPHTHALKT | 3A00500422 | NI | | 664604 |
| A L BYRBURGE V U BYRBURGE V | 4-0 380 | 78-ZII 3. | DI-N-OCTYLPHTHALK | \$240051AE | NI | z o | £93293 |
| \(\) | | | DI-N-OCTYLPHTHALA | SS40052AE | NI | | 69807 |
| \(\) | | | FALAHTH9 IYTOO-N-IO | SSG0102JE | NI S | | 568018 |
| X | | | FILAHTHALYTO-N-IG | 22@01087E | NIIS | | 811493 |
| X | | 86-696 | ENDOSULFAN I | SS00003R | NI | | 63 |
| V U gNQuilt | 7.8 8-8 | 36 - 696 | I NATJUSOGNE | 3A20000S2 | NI a | z 0 | £6 |
| V U gy/gui/r V U | | 36-696 | ENDOSULEAN I | 3A5000A22 | NII | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 96 |
| V U gXigui#1 V U gXigui#1 V U gXigui#1 V U gXigui#1 V U gXigui#1 V U gXigui#1 V U gXigui#2 V U gXigui#2 V U gXigui#3 V U gXigui#4 X U | | 36-696 36-696 | ENDOZOLFAN I | 2240042AE 2240042AE | NI a | | E6 |
| V U gN/gul4t V U gN/gul4t V U gN/gul4t V U gN/gul4t V U gN/gul4t V U gN/gul4t V U gN/gul5t V U | | 86-696 86-696 | ENDOSULFAN I | SATG000A22 | NI | | £6 |
| V U gykguist V U | †l 8-8 | 86-696 | ENDOSOLFAN I | SS40058AE | NI | Z 0 | £6. |
| V U gN/gu Sr V U gN/gu sr V U | ~~^~~~ | 36-696 | ENDOSOLI EAN I | S400048E | NI | | 1 86 |
| VI UI gN/guist | | 36-696! 36-696! | ENDOZOFENI ENDOZOFENI | SS400072AE | NI d | | 86 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 86-696 86-696 | ENDOSOFEAN I | SA1700A22 | NI | | £63 |
| VI UI gX\gu\gu\gu\gu\gu\gu\gu\gu\gu\gu\gu\gu\gu\ | p.8 8-8 | 36-696 | ENDOSOLFAN I | SS40073AE | NI | 9 7 | 56 |
| VI UI gNkgui6.e VI UI gNkgui6.a VI UI gNkgui0.a VI UI gNkgui0.a VI UI gNkgui0.a VI UI gNkgui1.a VI UI gNkgui1.a | | 36-696 | ENDOZOFENI ENDOZOFENI | SS40410AE | NI a | | · 86 |
| V | | 36-696 36-696 | ENDOSOFENIA I | 3A40009AE | NI | | 66 |
| L U BYRQUIS.8 U D BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 V U BYRQUIS.8 | E.8 8-8 | 36-696 | ENDOSOFEN I | SS40480AE | NII | Z 0 | . 66 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ······································ | 36-696 | ENDOSITIEVNI | SS40012AE | NI | | 86 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 36-696 36-696 | ENDOSOFEM I | 3A0800A22 | NI a | | £69 £69 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 36-696 | ENDOSOLFAN I | SS40056AE | NI | | E66 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 36-696 | ENDOSOLEAN | 3A7800A22 | NIS | | £69 |
| \(\) | | 36-696 36-696 | ENDOSOFEYN I | SS40088AE | NI S | | £69 £69 |
| V V V V V V V V V V | | 86-696 | ENDOSOLFANI | SS400100E | NI | | E61 |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | 36-696 | ENDOZNEVNI | 3A16001A2 | NII | | £66 |
| 10 ug/Kg U V V U V V V V V V V V V V V V V V V | | 36-696 36-696 | ENDOZOFENI ENDOZOFENI | 3A00005S | NI S | | £6 83 |
| V U Ug/Kg U | | 86-696! | ENDOSULFAN I | SA00700ASS | NI | | €61 |
| | | 36-696i | ENDOSOFIEVA | 3A4000422 | NI | | £69 |
| 10 lug/kg U | | 86-696 86-696 | ENDOSOFEM I | S\$40096AE | NI | | £6, |
| V U Q/Kg U ₹.8 | | 86-696 | ENDOSOLFAN I | SS40141AE | NI | | £69 |

1.5

| 2 | 413 | ु अ | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Re | Suits for Sur | W 4 3 X 4 | yanıcs | · #5.50 | 1. Will W | (|
|------------------------|-------|--|---|---------------------------------------|---------------------------|--|--------|----------------------|--|---|
| LOCATION | | DEPTH | | ANALYTE | | DETECTION | | 1 (arr 1) | LAB RESULT | |
| . CODE | START | END UN | مانندر تصمیمیننده بهده موجود به میگوی شد نام جویز و ۳ برنید | I | CAS NO. 959-98-8 | A COLO DESCRIPTION OF A COLOMBINATION OF | | | QUALIFIER | A contraction of the property |
| 46893 47093 | 1 4 | | \$\$40143AE \$\$40145AE | ENDOSULFAN I | 959-98-8 | 8 | | .9 ug/Kg .1 ug/Kg | | V V |
| SS400293 | . 0 | | S\$40018AE | ENDOSULFAN I | 959-98-8 | 11 | | 1 ug/Kg | | İ |
| SS400393 | 0 | | SS40019AE | ENDOSULFAN I | 959-98-8 | 8.3 | | 3 ug/Kg | | V |
| 55400593 | 0 | | SS40021AE | ENDOSULFAN I | 959-98-8 | 8.2 | | 2 ug/Kg | | V |
| SS400693 | 0 | | !SS40022AE | ENDOSULFAN I | 959-98-8 | 8.7 | | 7jug/Kg | | V |
| S\$400793 | 0 | | SS40023AE | ENDOSULFAN I | 959-98-8 | 9.1 | | 1 ug/Kg | | V |
| SS400893 SS401193 | . 0 | | SS40024AE SS40027AE | ENDOSULFAN I | 1959-98-8 | 11 | | 1 ug/Kg 2 ug/Kg | | V |
| SS401293 | . 0 | | SS40028AE | ENDOSULFAN I | 959-98-8 | 8.7 | | 7 ug/Kg | | į V |
| SS401393 | Ö | | SS40029AE | ENDOSULFAN I | 959-98-8 | 11 | | 1 ug/Kg | | V |
| SS401593 | 0 | 2 IN | SS40031AE | ENDOSULFAN I | 959-98-8 | 10 | | 0 ug/Kg | IU | V |
| SS401693 | 0 | | SS40032AE | ENDOSULFAN I | 959-98-8 | 8.5 | | 5 ug/Kg | <u> </u> | V |
| SS401893 | 0 | | SS40034AE | ENDOSULFAN I | 959-98-8 | 9 | | 9 ug/Kg | | V |
| SS402393 SS402593 | 0 | | SS40039AE SS40041AE | ENDOSULFAN ENDOSULFAN | 959-98-8 1959-98-8 | 9.2 | | 2 ug/Kg 1 ug/Kg | | V |
| SS402793 | 0 | | SS4004TAE | ENDOSULFAN I | 959-98-8 | 8.8 | | 8 ug/Kg | | V V |
| S\$402893 | 0 | | SS40044AE | ENDOSULFAN I | 1959-98-8 | 8.5 | | 5 ug/Kg | | v |
| SS402993 | 0 | | SS40045AE | ENDOSULFAN I | 959-98-8 | 8.2 | | 2 ug/Kg | | V |
| SS403093 | 0 | 2 IN | SS40046AE | ENDOSULFAN I | 959-98-8 | 17 | | 7 ug/Kg | | V |
| SS403193 | 0 | | SS40047AE | ENDOSULFAN I | 959-98-8 | 11 | | 1 ug/Kg | | V |
| SS403293 - | 0 | | SS40048AE | ENDOSULFAN I | 959-98-8 | 11 | | 1 ug/Kg | | V |
| SS403393 SS403493 | . 0 | ************************************** | SS40049AE SS40050AE | ENDOSULFAN ENDOSULFAN | 959-98-8 | 15 | | 5 ug/Kg 0 ug/Kg | ************************************** | V |
| SS403593 | 0 | | SS40050AE | ENDOSULFAN I | 1959-98-8 | 9.4 | | 4 ug/Kg | · | V |
| SS403693 | 0 | | SS40052AE | ENDOSULFAN I | 959-98-8 | 9.4 | | 4 ug/Kg | | V |
| SS606292 | 0 | | SS60062WC | ENDOSULFAN I | 959-98-8 | 8 | | 9 ug/Kg | | V |
| SS620292 | 0 | | SS60202WC | ENDOSULFAN I | 959-98-8 | 8 | 1 | 0 ug/Kg | U | V |
| 05193 | 0 | | SS00003AE | ENDOSULFAN II | 33213-65-9 | 18 | | 8 ug/Kg | | V |
| 05393 | 0 | | SS00005AE | ENDOSULFAN II | 33213-65-9 | 17 | | 7 ug/Kg | | Z |
| 40093 40293 | 0 | | SS40060AE SS40042AE | ENDOSULFAN II ENDOSULFAN II | 133213-65-9 | 23 | | 3 ug/Kg 1 ug/Kg | | V V |
| 40393 | 0 | | SS40053AE | ENDOSULFAN II | 33213-65-9 | | | 1 ug/Kg | | V |
| 40693 | 0 | ···· | SS40057AE | ENDOSULFAN II | 33213-65-9 | 29 | | 9 ug/Kg | | V |
| 40793 | 0 | | SS40058AE | ENDOSULFAN II | 33213-65-9 | 28 | | 8 ug/Kg | | V |
| 40893 | 0 | | SS40004AE | ENDOSULFAN II | 33213-65-9 | 16 | | 9 ug/Kg | | V |
| 40993 | 0 | | SS40072AE | ENDOSULFAN II | 33213-65-9 | 19 | | 9 ug/Kg | de transcription and the second | V |
| 41193 41293 | 0 | | SS40007AE | ENDOSULFAN II | 33213-65-9 | 24 | | 4 ug/Kg | | V |
| 41593 | 0 | | SS40071AE SS40073AE | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 36 17 | | 6 ug/Kg 7 ug/Kg | | IV IV |
| 41693 | 0 | | SS40410AE | ENDOSULFAN II | 33213-65-9 | 21 | | 1 ug/Kg | | v |
| 41793 | 0 | | SS40077AE | ENDOSULFAN II | 33213-65-9 | 19 | | 9 ug/Kg | | V |
| 41993 | 0 | | S\$40009AE | ENDOSULFAN II | 33213-65-9 | 19 | | 9 ug/Kg | | V |
| 42093 | 0 | | SS40480AE | ENDOSULFAN II | 33213-65-9 | 17 | | 7 ug/Kg | | V |
| 42193 | 4 | | SS40012AE | ENDOSULFAN II | 33213-65-9 | 17 | | 7 ug/Kg | | J |
| 42393 42693 | 0 | | SS40079AE SS40080AE | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 17 | | 7 ug/Kg | | V V |
| 42993 | 0 | | SS40056AE | ENDOSULFAN II | 33213-65-9 | 25 18 | | 5 ug/Kg 8 ug/Kg | | V |
| 43393 | 4 | | \$\$40087AE | ENDOSULFAN II | 33213-65-9 | 17 | | 7 ug/Kg | | Ň. |
| 43693 | 4 | | SS40089AE | ENDOSULFAN II | 33213-65-9 | 17 | | 7 ug/Kg | | v |
| 43793 | 0 | 2 IN | SS40088AE | ENDOSULFAN II | 33213-65-9 | 18 | | 8 ug/Kg | | V |
| 43893 | 0 | | | ENDOSULFAN II | 33213-65-9 | 19 | | 9 ug/Kg | | V. |
| 43993 | 0 | | | ENDOSULFAN II | 33213-65-9 | 18 | 10 | 8 ug/Kg | U | V |
| 44093 44393 | 0 | 2 IN 2 IN | SS40090AE SS40005AE | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 19 | | 9 ug/Kg 8 ug/Kg | | V |
| 44893 | 0 | | SS40003AE | ENDOSULFAN II | 33213-65-9 | 21 | | o ug/Kg 1 ug/Kg | | V |
| 15693 | Ö | | SS40094AE | ENDOSULFAN II | 33213-65-9 | 23 | | 3 ug/Kg | | v |
| 457.93 | 0 | 2 IN | SS40015AE | ENDOSULFAN II | 33213-65-9 | 24 | 2 | 4 ug/Kg | U | V |
| 16193 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 0 ug/Kg | | V |
| 16693 | 4 | | | ENDOSULFAN II | 33213-65-9 | 16 | | 7 ug/Kg | | V |
| 46793 46893 | 4 | | | ENDOSULFAN II | 33213-65-9 | 16 | | 8 ug/Kg | | V |
| 17093 | 0 | *** | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 16 16 | | 8 ug/Kg 8 ug/Kg | | V V |
| S400293 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 2 ug/Kg | | V |
| S400393 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 7 ug/Kg | | v |
| SS400593 | 0 | 2 IN | SS40021AE | ENDOSULFAN II | 33213-65-9 | | | 6 ug/Kg | | V |
| \$400693 | 0 | 2 IN | | ENDOSULFAN II | 33213-65-9 | 17 | | 7 ug/Kg | | V |
| S400793 | 0. | 2 IN | SS40023AE | ENDOSULFAN II | 33213-65-9 | 18 | | B ug/Kg | | V |
| S\$400893 S\$401193 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 2 ug/Kg | | V · |
| S401193 S401293 | 0 | | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | | | 3 ug/Kg 7 ug/Kg | | <u>v</u> v |
| S401393 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 7 ug/Kg 3 ug/Kg | | V |
| S401593 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 1 ug/Kg | | v |
| S401693 | 0 | 2 IN | SS40032AE | ENDOSULFAN II | 33213-65-9 | | 1 | 7 ug/Kg | U | V |
| SS401893 | 0 | | | ENDOSULFAN II | 33213-65-9 | 18 | 18 | B ug/Kg | U | V |
| S402393 | 0 | | | ENDOSULFAN II | 33213-65-9 | | 18 | B ug/Kg | U | V |
| S402593 S402793 | 0 | | | ENDOSULFAN II | 33213-65-9 | | | 1 ug/Kg | | <u>V</u> |
| | 0 | 2 IN | SS40043AE | ENDOSULFAN II | 33213-65-9 | 18 | 18 | B ug/Kg | U) | V |

| OCATION | DEPTH | DEPTH | - 5% | Andrew Commencer | | | DETECTION | | LAB RESULT | VALIDATION |
|--|-----------------------|---|---|---|--|---|----------------------------|--|----------------------------------|------------------|
| CODE | | | | SAMPLE NUMBER | Ø ANALYTE | CAS NO. | LIMIT | RESULT UNIT | | QUALIFIER |
| S402893 | Ó | | | | | 33213-65-9 | 17 | 17 ug/Kg | | V |
| 5402993 ! 5403093 | 0 | | | SS40045AE | ENDOSULFAN II | 33213-65-9 | 16 | | | V |
| 5403093 | 0 | | | SS40046AE SS40047AE | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | | 34 ug/Kg 22 ug/Kg | | V |
| 5403293 | ō | | - | SS40048AE | | 33213-65-9 | 21 | | | V |
| S403393 | 0 | . 2 | | SS40049AE | | 33213-65-9 | 30 | | | V |
| S403493 | 0 | | | SS40050AE | | 33213-65-9 | | 20 ug/Kg | | V |
| 5403593 | 0 | | | SS40051AE | | 33213-65-9 | 19 | 19 ug/Kg | | V |
| S403693 S606292 | 0 | | | | | 33213-65-9 33213-65-9 | 19 16 | 19 ug/Kg 18 ug/Kg | | V V |
| S620292 I | 0 | | | | | 33213-65-9 | 16 | | | V |
| 5193 | 0 | | | | | 1031-07-8 | 18 | | | V |
| 5393 | 0 | | | | | 1031-07-8 | 17 | | | Z |
| 093 | 0 | | | | | 1031-07-8 | 23 | | | V |
|)293)393 | 0 | | | | | 1031-07-8 | 21 | | | V V |
| 693 | 0 | | IN | | The straight and the st | 1031-07-8 | 29 | | | IV |
| 793 | ō | | | | | 1031-07-8 | 28 | | | V |
| 0893 | 0 | | IN | SS40004AE | | 1031-07-8 | 16 | . 19 ug/Kg | | ٧ |
| 0993 | 0 | ~~~~ | | | | 1031-07-8 | 19 | 19 ug/Kg | | V |
| 1193 | 0 | | | | | 1031-07-8 | 24 | 24 ug/Kg | | V |
| 1293 1593 | . 4 | | | | | 1031-07-8 | 36 | 36 ug/Kg | | V |
| 1693 | 0 | | *************************************** | | | 1031-07-8 1031-07-8 | 17 | 17 ug/Kg 21 ug/Kg | | V |
| 1793 | 0 | | | | | 1031-07-8 | 19 | 19 ug/Kg | | V |
| 1993 | 0 | 2 | IN | SS40009AE | | 1031-07-8 | 19 | 19 ug/Kg | | v |
| 093 | 0 | ····· | · | | | 1031-07-8 | 17 | 17 ug/Kg | U | ٧ |
| 2193 | 4 | | | | | 1031-07-8 | 17 | 17 ug/Kg | | J |
| 2393 2693 | . 0 | | | | | 1031-07-8 | 17 | 17 ug/Kg | | V V |
| 2993 | 0 | | | | | 1031-07-8 | 25 18 | 25 ug/Kg 18 ug/Kg | | V |
| 393 | 4 | | | | | 1031-07-8 | 17 | 17 ug/Kg | | v v |
| 693 | 4 | 6 | IN | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1031-07-8 | 17 | 17 ug/Kg | | Ÿ |
| 793 | 0 | | | | | 1031-07-8 | 18 | 18 ug/Kg | | V |
| 893 | 0 | | | | | 1031-07-8 | 19 | 19 ug/Kg | | ٧ |
| 3993 1093 | 0 | ***** | | | | 1031-07-8 | 18 | 18 ug/Kg | | V |
| 1393 | 0 | | | | | 1031-07-8 1031-07-8 | 19 18 | 19 ug/Kg 18 ug/Kg | | V V |
| 1893 | 0 | | | | ************************************** | 1031-07-8 | 21 | 21 ug/Kg | | V |
| 693 | 0, | 2 | IN | SS40094AE | ENDOSULFAN SULFATE | 1031-07-8 | 23 | 23 ug/Kg | | V |
| 793 | 0 | | | | | 1031-07-8 | 24 | 24 ug/Kg | | V |
| 193 | 0 | | | | | 1031-07-8 | 20 | 20 ug/Kg | | V |
| 693 793 - | 4 | | | | | 1031-07-8 1031-07-8 | 16 16 | 17 ug/Kg 18 ug/Kg | | V V |
| 893 | 4 | | | | | 1031-07-8 | 16 | 18 ug/Kg | | V |
| 093 | 0 | | | | | 1031-07-8 | 16 | 18 ug/Kg | ~ | · · |
| \$400293 | 0 | | | | | 1031-07-8 | 22 | 22 ug/Kg | | V |
| 5400393 | 0 | | | | | 1031-07-8 | 17 | 17 ug/Kg | | V |
| \$400593 \$400693 | 0, 0 | | | | | 1031-07-8 | 16 | 16 ug/Kg | | V |
| 400793 | 0 | | | | | 1031-07-8 | 17 18 | 17 ug/Kg 18 ug/Kg | | V V |
| 400893 | 0 | | | | | 1031-07-8 | 22 | 22 ug/Kg | | <u>v</u> V . |
| 401193 | 0 | | | | | 1031-07-8 | 23 | 23 ug/Kg | | v · |
| 3401293 | 0 | | | | | 1031-07-8 | 17 | 17 ug/Kg | U | v |
| 401393 | 0 | | | | | 1031-07-8 | 23 | 23 ug/Kg | | V |
| 3401593 3401693 | | | | | | 1031-07-8 | 21 | 21 ug/Kg | | <u>V</u> |
| 401893 | . 0 | | | | | 1031-07-8 | 17 18 | 17 ug/Kg 18 ug/Kg | | <u>v</u> v |
| 402393 | Ö | | | | | 1031-07-8 | 18 | 18 ug/Kg | | V |
| 402593 | 0, | | | | | 1031-07-8 | 21 | 21 ug/Kg | | |
| 402793 | 0; | | | | | 1031-07-8 | 18 | 18 ug/Kg | | v . |
| 402893 | 0 | | | | | 1031-07-8 | 17 | 17 ug/Kg | | V |
| 402993 403093 | 0 | | | | | 1031-07-8 | 16 | 16 ug/Kg | | V |
| | 0 | | | | | 1031-07-8 1031-07-8 | 34 22 | 34 ug/Kg 22 ug/Kg | | v v |
| 5403193 | 0 | | | | | 1031-07-8 | 21 | 21 ug/Kg | | v v |
| | | | | | | 1031-07-8 | 30 | 30 ug/Kg | | v — |
| 403293 | 0 | | | | | 1031-07-8 | 20 | 20 ug/Kg | | <u> </u> |
| 403293 403393 403493 | 0 | | | | | | | | | |
| 403293 403393 5403493 5403593 | 0 | 2 | IN i | SS40051AE | ENDOSULFAN SULFATE | 1031-07-8 | 19 | 19 ug/Kg | | V |
| 9403293 9403393 9403493 9403593 9403693 | 0 0 0 | 2 | IN | SS40051AE SS40052AE | ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 | 19 | 19 ug/Kg | U | V |
| 403293 403393 5403493 5403593 5403693 5606292 | 0 0 0 | 2 2 2 | IN IN IN | SS40051AE SS40052AE SS60062WC | ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 1031-07-8 | 19 16 | 19 ug/Kg 18 ug/Kg | U | v V |
| 403293 403393 403493 403593 403693 606292 | 0 0 0 0 | 2 2 2 2 | IN IN IN IN | \$\$40051AE \$\$40052AE \$\$60062WC \$\$60202WC | ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 1031-07-8 1031-07-8 | 19 16 16 | 19 ug/Kg 18 ug/Kg 20 ug/Kg | U U U | V V V |
| 403293 403393 403493 403593 403693 606292 6620292 193 | 0 0 0 | 2 2 2 2 2 | IN IN IN IN IN | \$\$40051AE \$\$40052AE \$\$60062WC \$\$60202WC \$\$00003AE | ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDRIN | 1031-07-8 1031-07-8 1031-07-8 72-20-8 | 19 16 16 18 | 19 ug/Kg 18 ug/Kg 20 ug/Kg 18 ug/Kg | U U U | V V V |
| 6403193 6403293 6403393 6403493 6403593 6403693 6606292 6620292 1193 393 093 | 0 0 0 0 0 | 2 2 2 2 2 2 | IN IN IN IN IN | SS40051AE SS40052AE SS60062WC SS60202WC SS00003AE SS00005AE SS40060AE | ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDRIN ENDRIN ENDRIN | 1031-07-8 1031-07-8 1031-07-8 | 19 16 16 | 19 ug/Kg 18 ug/Kg 20 ug/Kg | U U U U U | V V V |
| 403293 403393 403493 403593 4403693 6606292 6620292 193 393 | 0 0 0 0 0 | 2 2 2 2 2 2 2 2 2 | | SS40051AE SS40052AE SS60062WC SS60202WC SS60203AE SS00003AE SS00005AE SS40060AE SS40060AE | ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDOSULFAN SULFATE ENDRIN ENDRIN ENDRIN ENDRIN | 1031-07-8 1031-07-8 1031-07-8 72-20-8 72-20-8 | 19 16 16 18 17 | 19 ug/Kg 18 ug/Kg 20 ug/Kg 18 ug/Kg 17 ug/Kg | U U U U U UX U | V V V Z |

| | 8 | P ST Y | T 7 " | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Sur | | | Si was sin | \$ a | St 300 B |
|--------------------------|----------|--|-------------|--|--|--------------------------|-----------|---------|----------------------|--------------|---------------|
| LOCATION | | | | SAMPLE NUMBER | · 食水块原子 4 年 季 費 4 平 | 1. 1. 1. | DETECTION | DECIN | TUNETO | | VALIDATION |
| 40793 | SIAKI | Charles on the last of the las | | The wind and the comment of the state of the | ANALYTE ENDRIN | CAS NO. 72-20-8 | 28 | | 8 ug/Kg | | QUALIFIER |
| 40893 | 0 | | | | | 72-20-8 | 16 | | 9 ug/Kg | | ĺv |
| 40993 | 0 | | | | | 72-20-8 | 19 | | 9 ug/Kg | | V |
| 41193 | 0 | | IN | | ENDRIN ENDRIN | 72-20-8 72-20-8 | 24 | | 4 ug/Kg 6 ug/Kg | | IV V |
| 41593 | 4 | | | | | 72-20-8 | 17 | | 7 _l ug/Kg | | V |
| 41693 | Ö | | | | | 72-20-8 | 21 | | 1 ug/Kg | | v |
| 41793 | 0 | | | | | 72-20-8 | 19 | 1 | 9 ug/Kg | U | V |
| 41993 | 0 | | | | | 72-20-8 | 19 | | 9 ug/Kg | | V |
| 42093 42193 | 0 | | IN | | | 72-20-8 72-20-8 | 17 | | 7 ug/Kg 7 ug/Kg | | V |
| 42393 | 0 | | | | | 72-20-8 | 17 | | 7 ug/Kg | | V |
| 42693 | 0 | 2 | IN | | | 72-20-8 | 25 | | 5 ug/Kg | | V |
| 42993 | 0 | | | SS40056AE | | 72-20-8 | 18 | | 8 ug/Kg | | V |
| 43393 | 4 | | !IN | | | 72-20-8 72-20-8 | 17 17 | | 7 ug/Kg | | V |
| 43793 | 0 | | IIN | | | 72-20-8 72-20-8 | 18 | | 7 ug/Kg 8 ug/Kg | | V |
| 43898 | ō | | IN | | | 72-20-8 | 19 | | 9 ug/Kg | | v |
| .43993 | 0 | | | SS40091AE | | 72-20-8 | 18 | | 8 ug/Kg | | V |
| 44093 | 0 | | | | | 72-20-8 | 19 | · | 9 ug/Kg | | V |
| 44393 . | 0 | | | | | 72-20-8 | 18 | | 8 ug/Kg | | V |
| 44893 45693 | 0 | | IN | | | 72-20-8 72-20-8 | 21 | | 1 ug/Kg 3 ug/Kg | | V |
| 45793 | 0 | | | | | 72-20-8 | 23 | | 3 ug/Kg 4 ug/Kg | L | V |
| 46193 | Ö | | | | | 72-20-8 | 20 | | 0 ug/Kg | · | V |
| 46693 | 4 | | IN | SS40141AE | ENDRIN | 72-20-8 | 16 | 1 | 7 ug/Kg | U | V |
| 46793 | 4 | | | | | 72-20-8 | 16 | | 8 ug/Kg | | V |
| 46893 47093 | 4 | | | CONTRACTOR OF THE REPORT OF THE PROPERTY OF TH | | 72-20-8 | 16 | | 8 ug/Kg | | V |
| SS400293 | 0 | | | | | 72-20-8 72-20-8 | 16 | | 8 ug/Kg 2 ug/Kg | | V |
| SS400393 | - 0 | | | | | 72-20-8 | 17 | | 7 ug/Kg | | V |
| SS400593 | 0 | | IN | SS40021AE | | 72-20-8 | 16 | | 6 ug/Kg | | v |
| SS400693 | 0 | | | | | 72-20-8 | 17 | | 7 ug/Kg | | V |
| SS400793 | 0 | | | | | 72-20-8 | 18 | | 8 ug/Kg | | V |
| \$\$400893 \$\$401193 | 0 | | | | | 72-20-8 72-20-8 | 22 | | 2 ug/Kg 3 ug/Kg | | V |
| SS401293 | - 0 | | | | ······································ | 72-20-8 | 17 | | 7 ug/Kg | | V |
| SS401393 | ō | | | | | 72-20-8 | 23 | | 3 ug/Kg | | v - |
| SS401593 | 0 | | | | | 72-20-8 | 21 | 2 | 1 ug/Kg | U | V |
| SS401693 | 0 | | | | | 72-20-8 | 17 | | 7 ug/Kg | | V |
| SS401893 SS402393 | 0 | | | | | 72-20-8 | 18 | | 8 ug/Kg | | V |
| SS402593 | 0 | | | | | 72-20-8 72-20-8 | 18 21 | | 8 ug/Kg 1 ug/Kg | | V |
| SS402793 | 0 | | | | | 72-20-8 | 18 | | 8 ug/Kg | | v |
| SS402893 | 0 | 2 | | | | 72-20-8 | 17 | | 7 ug/Kg | | V |
| SS402993 | 0 | | | | | 72-20-8 | 16 | | 6 ug/Kg | | V |
| SS403093 SS403193 | 0 | | · | | | 72-20-8 | 34 | ~~~~~~~ | 4 ug/Kg | | V |
| SS403193 SS403293 | 0 | | | | | 72-20-8 72-20-8 | 22 21 | | 2 ug/Kg 1 ug/Kg | | V V |
| SS403393 | <u>o</u> | | | | | 72-20-8 | 30 | | 0 ug/Kg | | V |
| S\$403493 | 0 | | | | | 72-20-8 | 20 | | 0 ug/Kg | | v |
| SS403593 | 0 | | | | | 72-20-8 | 19 | | 9 ug/Kg | | V · |
| SS403693 | 0 | ~~~~~ | | | | 72-20-8 | 19 | | 9 ug/Kg | | V |
| SS606292 SS620292 | 0 | | | | | 72-20-8 72-20-8 | 16 16 | | 8 ug/Kg 0 ug/Kg | | V |
| 05193 | 0 | | | | | 53494-70-5 | 18 | | 8 ug/Kg | | V |
| 05393 | ō | | | | | 53494-70-5 | | 1 | 7 ug/Kg | UX | Z |
| 40093 | 0 | | | SS40060AE | ENDRIN KETONE | 53494-70-5 | 23 | 2 | 3 ug/Kg | U | V |
| 40293 | 0 | | | | | 53494-70-5 | 21 | | 1lug/Kg | | V |
| 40393 | 0 | | | | | 53494-70-5 53494-70-5 | 21 | | 1 ug/Kg | | V |
| 40093 | 0 | | 1 | | | 53494-70-5 53494-70-5 | 29) 28 | | 9 ug/Kg 8 ug/Kg | | V |
| 40893 | 0 | | | | | 53494-70-5 | 16 | | 9 ug/Kg | | V |
| 40993 | 0 | 2 | IN | SS40072AE | ENDRIN KETONE | 53494-70-5 | 19 | | 9 ug/Kg | U | V |
| 41198 | 0 | | | | | 53494-70-5 | 24 | 2 | 4 ug/Kg | U | V |
| 41293 | 0 | | | | | 53494-70-5 | 36 | | 6 ug/Kg | U | V |
| 41593 | 4 0 | | | | | 53494-70-5 53494-70-5 | | | 7 ug/Kg 1 ug/Kg | | V |
| 41793 | 0 | | | | | 53494-70-5 | 19 | | 9 ug/Kg | | V |
| 41993 | Ö | | | | | 53494-70-5 | 19 | 19 | 9 ug/Kg | U i | v |
| 42093 | 0 | | | | | 53494-70-5 | 17 | 1 | 7 ug/Kg | U | V |
| 42193 | 4 | | | | | 53494-70-5 | 17 | | 7 ug/Kg | | J |
| 42393 42693 | 0 | | | | | 53494-70-5 53494-70-5 | 17 | | 7 ug/Kg | U | V |
| 42993 | 0 | | | | | 53494-70-5 53494-70-5 | 25 18 | 2: | 5 ug/Kg 8 ug/Kg | . | <u>v</u> v |
| 43393 | 4 | | | | | 53494-70-5 | 17 | | 7 ug/Kg | | V |
| 43693 | 4 | 6 | IN | SS40089AE | ENDRIN KETONE | 53494-70-5 | 17 | | 7 ug/Kg | | <u>v</u> |
| 43793 | 0 | 2 | IN | SS40088AE | | 53494-70-5 | 18 | | B ug/Kg | | V |

| | | | | Table A.2 - Solar | Evaporation Ponds | AOC - Analytical Resu | ults for Surf | | ganics | | | |
|-----------------------------|----------|-------|-------|---|--------------------------------|--|----------------------------|--------------------|-----------|----------------|-------------|-------------------------|
| | 117 X | 9.5 | 4 | | | | | *** | 1970 | 7.7 | tage to the | 9 . 3 |
| LOCATION | DEPTH | DEPTH | LINUT | SAMPLE NUMBER | ANA | LYTE | CAS NO. | DETECTION LIMIT | DECI II T | INITE | QUALIFIER | VALIDATION QUALIFIER |
| 43893 | 0 | | | | ENDRIN KETONE | The state of the s | 53494-70-5 | 19 | | ug/Kg | | V |
| 43993 | O. | | | | ENDRIN KETONE | | 53494-70-5 | 18 | | ug/Kg | | v |
| 44093 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | | | ug/Kg | | V |
| 44393 | 0 | 2 | IN | | ENDRIN KETONE | | 53494-70-5 | | 18 | ug/Kg | U | V |
| 44893 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | | | ug/Kg | | V |
| 45693 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | | | ug/Kg | | V |
| 45793 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | | | lug/Kg | | V |
| 461 9 3 46693 | 0 | | | | ENDRIN KETONE ENDRIN KETONE | | 53494-70-5 53494-70-5 | 20 16 | | ug/Kg ug/Kg | | V |
| 46793 | 4 | | | | ENDRIN KETONE | | 53494-70-5 | 16 | | ug/Kg | | v |
| 46893 | 4 | | | | ENDRIN KETONE | | 53494-70-5 | 16 | | ug/Kg | | V |
| 47093 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 16 | | ug/Kg | | v |
| SS400293 | 0 | 2 | IN | SS40018AE | ENDRIN KETONE | | 53494-70-5 | 22 | 22 | ug/Kg | U | V |
| SS400393 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 17 | | ug/Kg | | V |
| SS400593 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 16 | | ug/Kg | | V |
| SS400693 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 17 | | ug/Kg | | V |
| SS400793 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 18 | | lug/Kg | | V |
| SS400893 SS401193 | 0 | | | | ENDRIN KETONE ENDRIN KETONE | | 53494-70-5 53494-70-5 | 22 23 | | ug/Kg | | V V |
| SS401293 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 17 | | ug/Kg | | V |
| SS401393 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 23 | | ug/Kg | | v |
| S\$401593 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 21 | | ug/Kg | | v |
| SS401693 | 0 | | | CONTRACTOR OF THE PROPERTY OF | ENDRIN KETONE | | 53494-70-5 | 17 | 17 | ug/Kg | U | V |
| SS401893 | 0 | 2 | IN | SS40034AE | ENDRIN KETONE | į. | 53494-70-5 | 18 | 18 | ug/Kg | U | V |
| SS402393 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 18 | 18 | ug/Kg | U | V |
| SS402593 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 21 | | ug/Kg | | V |
| SS402793 | 0, | | | | ENDRIN KETONE | | 53494-70-5 | 18 | | ug/Kg | | <u>V</u> |
| SS402893 SS402993 | 0 | | IN IN | | ENDRIN KETONE | | 53494-70-5 | 17 16 | | ug/Kg | | <u>v</u> v |
| SS402993 SS403093 | 0 | | | | ENDRIN KETONE ENDRIN KETONE | | 53494-70-5 53494-70-5 | 34 | | ug/Kg | | <u>V</u> V |
| SS403093 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 22 | | ug/Kg ug/Kg | | V |
| SS403293 | 0: | | | | ENDRIN KETONE | | 53494-70-5 | 21 | | ug/Kg | | v |
| SS463393 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 30 | | ug/Kg | | v · |
| SS403493 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 20 | | ug/Kg | | V |
| SS403593 | 0 | 2 | IN | SS40051AE | ENDRIN KETONE | | 53494-70-5 | 19 | | ug/Kg | | V |
| SS403693 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 19 | | ug/Kg | | V |
| SS606292 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 16 | | ug/Kg | | V |
| SS620292 | 0 | | | | ENDRIN KETONE | | 53494-70-5 | 16 | | ug/Kg | | V |
| P208989 05093 | 0 | | | | ETHYLBENZENE FLUORANTHENE | | 100-41-4 | 6 | | ug/Kg | | <u>V</u> |
| i05193 | 0) 0) | | | | FLUORANTHENE | | 206-44-0 206-44-0 | 360 380 | | ug/Kg ug/Kg | | Z A |
| 05393 | 0 | | | | FLUORANTHENE | | 206-44-0 | 360 | | ug/Kg | | Ž |
| 40093 | 0 | | | | FLUORANTHENE | | 206-44-0 | 480 | | ug/Kg | | - |
| 40298 | 0 | | | | FLUORANTHENE | | 206-44-0 | 450 | | ug/Kg | | v v |
| 40393 | 0 | 2 | IN . | SS40053AE | FLUORANTHENE | | 206-44-0 | 440 | | ug/Kg | | A |
| 40693 | 0 | | | | FLUORANTHENE | | 206-44-0 | 600 | | ug/Kg ; | | V |
| 40793 | 0 | | | | FLUORANTHENE | | 206-44-0 | 590 | | ug/Kg | | V |
| 40893 | 0 | | | | FLUORANTHENE | | 206-44-0 | 330 | | ug/Kg | | A |
| 40993 | 0 | | | | FLUORANTHENE FLUORANTHENE | | 206-44-0 | 390 | | ug/Kg | | V |
| 41193 | 0 | | | | FLUORANTHENE | | 206-44-0 206-44-0 | 500 740 | | ug/Kg ug/Kg | | A A |
| 41593 | 4 | | | | FLUORANTHENE | | 206-44-0 | 350 | | ug/Kg | | <u> </u> |
| 41693 | 0 | | | | FLUORANTHENE | | 206-44-0 | 450 | | ug/Kg | | A |
| 41793 | o | | | | FLUORANTHENE | | 206-44-0 | 390 | | ug/Kg | | |
| 41993 | 0 | 2 | IN | SS40009AE | FLUORANTHENE | | 206-44-0 | 400 | 230 | ug/Kg | J ¹ | |
| 42093 | 0 | | | | FLUORANTHENE | | 206-44-0 | 350 | | ug/Kg | | A |
| 42193* | 4i | | | | FLUORANTHENE | | 206-44-0 | 350 | | ug/Kg | | V |
| 42293 | 0 | | | | FLUORANTHENE | | 206-44-0 | 380 | | ug/Kg | | <u>J</u> |
| 42393 42593 | 0 | | | | FLUORANTHENE | | 206-44-0 | 360 | | ug/Kg | | V |
| 42593 | 0 | | | | FLUORANTHENE FLUORANTHENE | | 206-44-0 206-44-0 | 350 | | ug/Kg | | <u>V</u> |
| 42693 | 0 | | | | FLUORANTHENE | | 206-44-0 | 520 370 | | ug/Kg ug/Kg | | A A |
| 43193 | 0 | 2 | | | FLUORANTHENE | | 206-44-0 | 360 | | ug/Kg | | |
| 43393 | 4 | 6 | | | FLUORANTHENE | | 206-44-0 | 350 | | ug/Kg | | v |
| 43493 | 0 | | | SS40086AE | FLUORANTHENE | | 206-44-0 | 380 | | ug/Kg | | j |
| 43693 | 4 | 6 | IN i | SS40089AE | FLUORANTHENE | 12 | 206-44-0 | 350 | | ug/Kg | | V |
| 43793 | 0 | 2 | | | FLUORANTHENE | | 206-44-0 | 380 | 120 | ug/Kg | j ; | A |
| 43893 | 0 | | | | FLUORANTHENE | · | 206-44-0 | 400 | | ug/Kg | | A |
| 43993 | 0 | 2 | | | FLUORANTHENE | | 206-44-0 | 380 | | ug/Kg | | V |
| 44093 | 0 | | | | FLUORANTHENE | | 206-44-0 | 400 | | ug/Kg | | <u> </u> |
| 44393 · 44893 | 0 | 2 | | | FLUORANTHENE FLUORANTHENE | | 206-44-0 206-44-0 | 380 440 | | ug/Kg | | <u> </u> |
| 45693 | 0: | 2 | | | FLUORANTHENE | | 206-44-0 | 440 | | ug/Kg ug/Kg | | V |
| 45793 | 0 | 2 | | | FLUORANTHENE | | 206-44-0 | 500 | | ug/Kg | | <u>v</u> |
| 46193 | 0 | 2 | | | FLUORANTHENE | | 206-44-0 | 420 | | ug/Kg | | A . |
| 46693 | 4 | 6 | | | FLUORANTHENE | | 206-44-0 | 330 | | ug/Kg | | V |
| 46793 | 4 | 6 | | | FLUORANTHENE | | 206-44-0 | 330 | 360 | ug/Kg | U | V |
| 46893 | 4 | 61 | IN | SS40143AE | FLUORANTHENE | 2 | 206-44-0 | 330 | 370 | ug/Kg | U i | V |

32/

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics LOCATION DEPTH DEPTH W. The Contraction 3/16 No. 350 DETECTION AB RESULT VALIDATION ANALYTE START END UNIT SAMPLE NUMBER RESULT UNITS QUALIFIER CODE CAS NO. LIMIT QUALIFIER 47093 1IIN SS40145AE FLUORANTHENE 0 330 370 ug/Kg | U SS400293 o 2 IN SS40018AF FLUORANTHENE 206-44-0 460 320 ug/Kg : J SS400393 O. 2 IN SS40019AE FLUORANTHENE 206-44-0 350 340 ug/Kg iJ SS400593 o 2: IN SS40021AF FLUORANTHENE 206-44-0 340 108 ug/Kg | J SS400693 0 2IIN SS40022AE FLUORANTHENE 206-44-0 360 47 ug/Kg J SS400793 0 SS40023AE FLUORANTHENE 206-44-0 2! IN 380 200|ug/Kg | J A SS400893 0 2 IN SS40024AE FLUORANTHENE 206-44-0 460 110 ug/Kg J SS401193 0 2IIN SS40027AE FLUORANTHENE 206-44-0 480 65 ug/Kg A 0 2 IN SS40028AE FLUORANTHENE 206-44-0 360 360 ug/Kg | U IV SS40029AE FLUORANTHENE 206-44-0 470 470 ug/Kg | U SS401593 2 IN SS40031AE FLUORANTHENE 206-44-0 V 430 710 ug/Kg SS401693 0 SS40032AE FLUORANTHENE 206-44-0 360 250 ug/Kg | J A SS401893 o 2IIN SS40034AE FLUORANTHENE 206-44-0 380 310 ug/Kg | J IA SS402393 Ö SS40039AE 2 IN FLUORANTHENE 206-44-0 380 310 ug/Kg | J A SS402593 0 SS40041AE FLUORANTHENE 206-44-0 2 IN 440 440 ug/Kg | U IV SS402793 0 2 IN SS40043AE FLUORANTHENE 206-44-0 370 1000 ug/Kg IV SS402893 0 2 IN SS40044AE FLUORANTHENE 350 210 ug/Kg J A SS402993 Oi 2 IN S\$40045AE FLUORANTHENE 206-44-0 340 63 ug/Kg J IA SS403093 0 2 IN SS40046AE FLUORANTHENE 206-44-0 700 300|ug/Kg | J IA SS403193 0 2 IN SS40047AE FLUORANTHENE 206-44-0 460 460 ug/Kg | U 206-44-0 SS403293 0 2 IN SS40048AE FLUORANTHENE 220 ug/Kg | J 440 IA SS403393 0 2 IN ISS40049AF FLUORANTHENE 1206-44-0 630 98 ug/Kg | J SS403493 SS40050AF FLUORANTHENE O 2 IN 206-44-0 420 43 ug/Kg J A SS403593 O SS40051AE 2 IN FLUORANTHENE 206-44-0 390 40 ug/Kg | J SS403693 0 SS40052AE FLUORANTHENE 2 IN 206-44-0 390 200 ug/Kg J ĪĀ SS810893 3 IN SSG0102JE FLUORANTHENE 0 206-44-0 330 340 ug/Kg J SS811193 31IN SSG0105JE FLUORANTHENE 0 206-44-0 330 1100 ug/Kg. V SS811493 3 IN SSG0108JE FLUORANTHENE 0 1206-44-0 330 2900 ug/Kg IV SS00002AE FLUORENE 0 2IIN 186-73-7 360 40 ug/Kg J 05198 0 2 IN SS00003AE FLUORENE 86-73-7 380 380 ug/Kg | U IV 05393 2 IN ISS00005AE FLUORENE 86-73-7 360 360 ug/Kg | U Z 40093 SS40060AE FLUORENE 86-73-7 480 480 ug/Kg | U IV 40293 SS40042AE FLUORENE 186-73-7 450 450 ug/Kg | U ĪV 0 SS40053AE 40393 2IIN FLUORENE 86-73-7 440 440 ug/Kg | U īv 40693 Õ 2 IN SS40057AE FLUORENE 86-73-7 600 110 ug/Kg J Α 40793 0 SS40058AE 2! IN FLUORENE 86-73-7 590 140 ug/Kg J A 40893 SS40004AE 2 IN FLUORENE 86-73-7 330 400 ug/Kg | U V 2 IN 40993 O SS40072AE FLUORENE 86-73-7 390 52 ug/Kg J A 41193 0 2 IN SS40007AE FLUORENE 86-73-7 500 500 ug/Kg | U ١V 41293 0 2 IN SS40071AE FLUORENE 86-73-7 740 740 ug/Kg U 41593 4 6! IN SS40073AE FLUORENE 86-73-7 350 350 ug/Kg | U 141693 0 2 IN SS40410AE FLUORENE 86-73-7 450 450 ug/Kg | U 41793 0 2: IN SS400774F FLUORENE 86-73-7 390 390|ug/Kg |U 41993 0 21IN SS40009AF FLUORENE 86-73-7 400 400 ug/Kg U 142093 SS40480AF O! 21IN FILLORENE 86-73-7 350 350 ug/Kg | U 42193 SS40012AE 4 6IIN FLUORENE 86-73-7 350 350 ug/Kg U 42293 0 SS40078AE FLUORENE 2 IN 86-73-7 380 380 ug/Kg | U 42393 SS40079AF FLUORENE 0 2 IN 86-73-7 360 360 ug/Kg | U 42593 SS40082AE 6 IN 4 FLUORENE 86-73-7 350 350 ug/Kg | U 42693 42993 n SS40080AF FLUORENE 2IIN 86-73-7 520 520 ug/Kg | U 0 2 IN SS40056AE FLUORENE 86-73-7 370 370 ug/Kg i U 43193 SS40084AE FLUORENE 2 IN 86-73-7 360 360 ug/Kg | U 43393 6 IN SS40087AE FLUORENE 86-73-7 350 350 ug/Kg | U 43493 ō SS40086AE FLUORENE 86-73-7 380 380 ug/Kg | U 43693 SS40089AE 4 6IIN FLUORENE 186-73-7 350 350 ug/Kg | U 43793 SS40088AE FLUORENE 86-73-7 380 380 ug/Kg | U V 43893 0 2IIN SS40010AE FLUORENE 86-73-7 400 400 ug/Kg U V 43993 SS40091AE ō 2 IN FLUORENE 86-73-380 380 ug/Kg | U IV 44093 o SS40090AE FLUORENE 2 IN 86-73-7 400 400 ug/Kg U 44393 Ö 2 IN SS40005AE FLUORENE 380 380 ug/Kg | U IV 44893 0 2 IN SS40070AE FLUORENE 440 440 ug/Kg | U īV 45693 O 2 IN SS40094AE FLUORENE 86-73-7 480 52 ug/Kg J IA 45793 0 2IN SS40015AE FLUORENE 500 110 ug/Kg | J IA 46193 0 2 IN SS40096AE FLUORENE 86-73-7 420 420 ug/Kg | U 46693 4 6 IN SS40141AE FLUORENE 86-73-7 330 360 ug/Kg | U Ī 46793 4 6!IN SS40142AE FLUORENE 86-73-7 330 360 ug/Kg | U 46893 4 6 IN SS40143AF FLUORENE 86-73-7 330 370 ug/Kg | U 47093 ō 11IN ISS40145AF FLUORENE 86-73-7 370 ug/Kg | U 330 SS400293 0 2 IN SS40018AE FLUORENE 86-73-7 460 460 ug/Kg U SS400393 0 SS40019AE 2/IN FLUORENE 86-73-7 350 350 ug/Kg | U SS400593 0 SS40021AE 2 IN FLUORENE 86-73-7 340 340 ug/Kg U SS400693 0 2 IN SS40022AE FLUORENE 86-73-7 360 360 ug/Kg | U SS400793 2 IN SS40023AE FLUORENE 86-73-7 380 380|ug/Kg | U SS400893 SS40024AE FLUORENE 186-73-7 460 460 ug/Kg | U SS401193 0 SS40027AE FLUORENE 86-73-7 480 480 ug/Kg IU IV SS401293 2 IN SS40028AE 0 FLUORENE 86-73-7 360 360 ug/Kg | U SS401393 SS40029AE FLUORENE 2IN 86-73-7 470 470 ug/Kg | U īV SS401593 ISS40031AE FLUORENE 2 IN 186-73-7 430 93 ug/Kg iJ

| | 10 1 way 1 | | - 30 | Table A.2 - Solar | Evaporation Po | onds AOC - / | Analytical Res | uits for Sur | face Soils - Or | ganics | ercee; | | rana seria g e |
|------------------------|------------|---|----------|-------------------|------------------------|--------------|----------------|----------------------|--------------------|-------------|----------------|----------------|---------------------------|
| LOCATION | | DEPTH | 1 | | | مشرانية | | CACAGO | DETECTION LIMIT | | . NUTC | LAB RESULT | |
| CODE SS401693 | START | | IUNIT | SAMPLE NUMBER | FLUORENE | ANALYTE | | **CAS NO. 86-73-7 | 260 | | ug/Kg | QUALIFIER U | QUALIFIER V |
| SS401893 | 0 | 2 | | SS40034AE | FLUORENE | | | 86-73-7 | 380 | 380 | ug/Kg | Ų | V |
| SS402393 | Ö | | | | FLUORENE | | | 86-73-7 | 380 | | ug/Kg | | V |
| SS402593 SS402793 | 0 | | | | FLUORENE FLUORENE | | | 86-73-7 86-73-7 | 370 | | ug/Kg ug/Kg | | A |
| SS402893 | <u>0</u> | | | | FLUORENE | | | 86-73-7 | 350 | 350 | ug/Kg | U | V |
| SS402993 | 0 | | | | FLUORENE | | | 86-73-7 | 340 | | ug/Kg | | V |
| SS403093 SS403193 | 0 | | | | FLUORENE FLUORENE | | | 86-73-7 86-73-7 | 700 460 | | ug/Kg ug/Kg | | V |
| S5403193 | | | | | FLUORENE | | | 86-73-7 | 440 | 440 | ug/Kg | U | V |
| SS403393 | 0 | | | | FLUORENE | | | 86-73-7 | 630 | | ug/Kg | | ٧ |
| SS403493 SS403593 | 0 | | | | FLUORENE FLUORENE | | | 86-73-7 86-73-7 | 420 390 | | ug/Kg ug/Kg | | V V |
| SS403593 SS403693 | 0 | | | | FLUORENE | | | 86-73-7 | 390 | | ug/Kg | | v |
| SS810893 | 0 | | | | FLUORENE | | | 86-73-7 | 330 | | ug/Kg | | V |
| SS811193 | 0 | | | | FLUORENE FLUORENE | | | 86-73-7 86-73-7 | 330 | | ug/Kg ug/Kg | | V |
| SS&11493 05193 | - 0 | | | | GAMMA-BHC | [LINDANE] | | 58-89-9 | 9 | | ug/Kg | | V |
| 05393 | 0 | 2 | IN | SS00005AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 8.7 | 8.7 | ug/Kg | บ | Z |
| 40093 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 11 | | ug/Kg | | V V |
| 40293 40393 | . 0 | *************************************** | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 11 | | ug/Kg ug/Kg | | V |
| 40693 | 0 | | | SS40057AE | GAMMA-BHC | (LINDANE) | | 58-89-9 | 14 | 14 | ug/Kg | U | V |
| 40793 | 0 | 2 | | | GAMMA-BHC | | | 58-89-9 | 14 | | ug/Kg | | V V |
| 40893 40993 | 0 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 9.4 | | ug/Kg ug/Kg | | V |
| 41193 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 12 | | ug/Kg | | V |
| 41293 | 0 | 4 | IN | | GAMMA-BHC | | | 58-89-9 | 18 | | ug/Kg | | V |
| 41593 41693 | 4 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 8.4 | | ug/Kg ug/Kg | | V V |
| 41793 | ő | | | | GAMMA-BHC | | | 58-89-9 | 9.3 | | ug/Kg | | V |
| 41993 | 0 | 2 | IN | SS40009AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 9.5 | | ug/Kg | | V |
| 42093 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 8.3 | | ug/Kg | | V |
| 42193 42393 | 4 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 8.3 8.6 | | ug/Kg ug/Kg | | J V |
| 42693 | Ö | | | | GAMMA-BHC | | | 58-89-9 | 13 | | ug/Kg | U | V |
| 42993 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 8.9 | | ug/Kg | | V |
| 43393 43693 | 4 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 8.4 | | ug/Kg ug/Kg | | V |
| 43793 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 9.1 | | ug/Kg | | V |
| 43893 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 9.6 | | ug/Kg | | V |
| 43993 | 0 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 9.2 | | ug/Kg ug/Kg | | V |
| 44093 44393 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 9.0 | | ug/Kg | | V |
| 44893 | 0 |), 2 | IN | SS40070AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 10 | 10 | ug/Kg | U | V |
| 45693 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 11 | | ug/Kg ug/Kg | | V V |
| 45793 46193 | 0 | | | | GAMMA-BHC | | | 58-89-9 58-89-9 | 10 | | ug/Kg | · | V · |
| 46693 | 4 | | | | GAMMA-BHC | | | 58-89-9 | 8 | | ug/Kg | U | V |
| 46793 | 4 | | | | GAMMA-BHC | | | 58-89-9 | 8 | | ug/Kg | | V |
| 46893 47093 | 4 0 | | | | GAMMA-BHC | · | | 58-89-9 58-89-9 | 8 | | ug/Kg ug/Kg | | V . |
| SS400293 | | | | SS40018AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 11 | 11 | lug/Kg | U | v |
| SS400393 | 0 |) 2 | IN | SS40019AE | GAMMA-BHC | (LINDANE) | | 58-89-9 | 8.3 | 8.3 | ug/Kg | U | V |
| S\$400593 S\$400693 | 0 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 8.2 8.7 | | ug/Kg ug/Kg | | V |
| SS400693 SS400793 | 0 | | IN | | GAMMA-BHC | | | 58-89-9 | 9.1 | | ug/Kg | | v |
| SS400893 | 0 | 2 | IN | SS40024AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 11 | 11 | ug/Kg | U | V |
| SS401193 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 12 | | ug/Kg ug/Kg | | V V |
| SS401293 SS401393 | · 0 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 8.7 | | ug/Kg ug/Kg | | V |
| SS401593 | | | | SS40031AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 10 | 10 | ug/Kg | U | V |
| SS401693 | 0 |) 2 | IN | | GAMMA-BHC | | | 58-89-9 | 8.5 | | ug/Kg | | V |
| SS401893 SS402393 | 0 | | IN IN | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 9.2 | | ug/Kg ug/Kg | | V V |
| SS402593 | 0 | | | | GAMMA-BHC | | | 58-89-9 | 11 | | ug/Kg | | v |
| SS402793 | 0 |) 2 | IN | SS40043AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 8.8 | 8.8 | ug/Kg | U | V |
| SS402893 SS402993 | 0 | | | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 8.5 8.2 | | ug/Kg ug/Kg | | V |
| 96402993 SS403093 | 0 | | IN | | GAMMA-BHC | | | 58-89-9 | 17 | | ug/Kg | | v · |
| SS403193 | 0 | 2 | IN | SS40047AE | GAMMA-BHC | [LINDANE] | | 58-89-9 | 11 | 11 | ug/Kg | U | V |
| SS403293 | 0 | | IN | | GAMMA-BHC | | | 58-89-9 | 11 | | lug/Kg | | V |
| SS403393 SS403493 | 0 | | IN | | GAMMA-BHC GAMMA-BHC | | | 58-89-9 58-89-9 | 15 | | ug/Kg ug/Kg | | V V |
| SS403493 SS403593 | | | | | GAMMA-BHC | | | 58-89-9 | 9.4 | | ug/Kg | | v |
| SS403693 | C |) 2 | IN | SS40052AE | GAMMA-BHC | (LINDANE) | | 58-89-9 | 9.4 | 9.4 | ug/Kg | U | V |
| SS606292 | 0 | | IN | | GAMMA-BHC | | | 58-89-9 | 8 | | ug/Kg | | V |
| \$\$620292 | 0 | J, 2 | IN | SS60202WC | GAMMA-BHC | [LINDANE] | <u></u> j | 58-89-9 | 8 | 10 | lug/Kg | U | V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics ANALYTE 777 W 1 × -49 1. 2 Ŧ 4. 100 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION ŵ SAMPLE NUMBER CODE START END UNIT CAS NO. LIMIT SULT UNITS QUALIFIER QUALIFIER GASOLINE SS810893 ñ 3/IN SSG0102JE 8006-61-9 100 520 ug/Kg †U SS811193 o 3IIN SSG0105JE GASOLINE 8006-61-9 100 530 ug/Kg | U ISS811493 0 3IIN SSG0108JE GASOLINE 8006-61-9 100 570 ug/Kg | U 05193 O 2/IN ISS00003AF HEPTACHLOR 76-44-R 9 ug/Kg | U v 9 05393 0 2 IN SS00005AE HEPTACHLOR 76-44-8 8.7 8.7 ug/Kg U SS40060AF HEPTACHLOR 40093 0 2! IN 76-44-8 11 11|ug/Kg |U v SS40042AE HEPTACHLOR 76-44-8 40293 0 2 IN 11 11jug/Kg | U V SS40053AF HEPTACHLOR 76-44-8 2IIN 40393 0 11 11 ug/Kg U v 0 ISS40057AE HEPTACHLOR 2IIN 76-44-8 40693 14 14 ug/Kg | U V SS40058AE HEPTACHLOR 40793 0 2 IN 76-44-8 14 14 ug/Kg U HEPTACHLOR 40893 2 IN SS40004AE 76-44-8 9.6 ug/Kg 1U 8 ISS40072AE HEPTACHLOR 76-44-8 40993 9.4 ug/Kg | U 9.4 V 41193 SS40007AE HEPTACHLOR 76-44-8 12 12 ug/Kg | U SS40071AE 41293 HEPTACHLOR 76-44-8 18 18 ug/Kg | U SS40073AE HEPTACHLOR 41593 6!IN 8.4 8.4 ug/Kg | U ō SS40410AE 41693 2 IN HEPTACHLOR 11 11 ug/Kg | U 76-44-8 41793 0 2 IN SS40077AE HEPTACHLOR 9.3 9.3 ug/Kg U 41993 ō 2 IN SS40009AE HEPTACHLOR 9.5 9.5 ug/Kg | U 42093 0 2|IN SS40480AE HEPTACHLOR 76-44-8 8.3 8.3|ug/Kg | U 76-44-8 42193 6 IN SS40012AF HEPTACHLOR 8.3 8.3 ug/Kg | U 42393 O 2 IN SS40079AE HEPTACHLOR 76-44-8 8.6 8.6 ug/Kg U 42693 0 2 IN SS40080AE HEPTACHLOR 76-44-8 13 ug/Kg U 42993 O 2 IN SS40056AE HEPTACHLOR 76-44-8 8.9 ug/Kg | U ī 8.9 HEPTACHLOR 43393 4 6 IN ISS40087AF 76-44-8 8.4 8.4 ug/Kg | U HEPTACHLOR 43693 4 6 IN SS40089AF 76-44-8 8.4 8.4 ug/Kg | U W 43793 HEPTACH! OR 9.1 0 2 IN SS40088AF 76-44-8 9.1 ug/Kg U 43893 0 2 IN SS40010AE HEPTACHLOR 76-44-8 9.6 9.6 ug/Kg | U V ISS40091AF HEPTACHLOR 43993 0 2 IN 76-44-8 9.2 9.2 ug/Kg | U SS40090AE 44093 Ō **HEPTACHLOR** 76-44-8 2 IN 9.6 9.6 ug/Kg U V 44393 0 2 IN SS40005AE HEPTACHLOR 76-44-8 9 9 ug/Kg |U V 44893 0 2 IN SS40070AE HEPTACHLOR 76-44-8 10 ug/Kg |U 10 IV 45693 2 IN SS40094AE HEPTACHLOR ō 76-44-8 11 11 ug/Kg | U 45793 2 IN SS40015AE HEPTACHLOR ō 76-44-8 12 12 ug/Kg | U IV 46193 HEPTACHLOR 0 2 IN SS40096AE 76-44-8 10 10 ug/Kg | U 46693 6 IN SS40141AE HEPTACHLOR 76-44-8 8.7|ug/Kg | U 8 SS40142AE HEPTACHLOR 6 IN 76-44-8 8 8.9jug/Kg |U HEPTACHLOR SS40143AE 46893 6:IN 76-44-8 8 8.9 ug/Kg U 0 SS40145AE HEPTACHLOR 47093 1 IN 76-44-8 9.1 ug/Kg | U 8 SS40018AE 55400293 2 IN HEPTACHLOR 76-44-8 11 11 ug/Kg U SS400393 SS40019AE HEPTACHLOR 0 2IIN 76-44-8 8.3 8.3 ug/Kg | U SS400593 2 IN SS40021AE HEPTACHLOR 76-44-8 8.2 ug/Kg | U 8.2 SS400693 0 2 IN SS40022AE **HEPTACHLOR** 76-44-8 8.7 8.7 ug/Kg U SS400793 ō 2 IN SS40023AE HEPTACHLOR 76-44-8 9.1 9.1 ug/Kg | U 76-44-8 SS400893 ō 2 IN SS40024AE HEPTACHLOR 11 11 ug/Kg U 76-44-8 SS401193 ō 2!IN SS40027AE **HEPTACHLOR** 12 12 ug/Kg | U 8S401293 O 2||N SS40028AF HEPTACHLOR 76-44-8 8.7 8.7 ug/Kg U HEPTACHLOR ISS401393 O 2 IN SS40029AE 76-44-8 11 11 ug/Kg | U SS401593 O 2 IN SS40031AF HEPTACHLOR 76-44-8 10 10 ug/Kg | U SS401693 SS40032AE 0 2 IN HEPTACHLOR 76-44-8 8.5 8.5 ug/Kg | U SS40034AF SS401893 õ 2 IN HEPTACHLOR 76-44-8 9 9 ug/Kg !U V 6S402393 0 2 IN SS40039AE HEPTACHLOR 76-44-8 9.2 9.2 ug/Kg | U SS402593 SS40041AF HEPTACHLOR 70 2 IN 76-44-8 11 11 ug/Kg | U IV HEPTACHLOR SS402793 0 SS40043AE 2 IN 76-44-8 8.8 8.8 ug/Kg U SS402893 0 SS40044AE HEPTACHLOR 2IN 76-44-8 8.5 8.5 ug/Kg U V SS402993 0 SS40045AE HEPTACHLOR 76-44-8 2IIN 8.2 8.2 ug/Kg | U SS403093 ō SS40046AE HEPTACHLOR 2 IN 76-44-8 17 17 ug/Kg |U īv SS403193 0 2 IN SS40047AE HEPTACHLOR 76-44-8 11 11 ug/Kg (U V SS403293 SS40048AE HEPTACHLOR 0 2 IN 76-44-8 11 11 ug/Kg | U IV S\$403393 HEPTACHLOR SS40049AE 76-44-8 15 V 15|ug/Kg |U SS403493 0 SS40050AE HEPTACHLOR 76-44-8 10 10 ug/Kg U SS403593 0 SS40051AE HEPTACHLOR 2 IN 76-44-8 9.4 9.4 ug/Kg | U īV SS403693 0 SS40052AE HEPTACHLOR 76-44-8 9.4 9.4 ug/Kg | U SS606292 0 2|IN SS60062WC HEPTACHLOR 8 9 ug/Kg | U IV SS620292 0 2 IN SS60202WC HEPTACHLOR 76-44-8 8 10 ug/Kg | U 05193 Ö 2 IN SS00003AE HEPTACHLOR EPOXIDE 1024-57-3 9 ug/Kg U 05393 0 2 IN SS00005AE HEPTACHLOR EPOXIDE 1024-57-3 8.7 8.7 ug/Kg | UX 40093 0 2IIN SS40060AE HEPTACHLOR EPOXIDE 1024-57-3 11 11 ug/Kg |U 40293 0 2IIN SS40042AE HEPTACHLOR EPOXIDE 1024-57-3 11 ug/Kg | U 40393 0 2IN SS40053AF HEPTACHLOR EPOXIDE 1024-57-3 11 11 ug/Kg |U V 40693 0 2 IN LSS40057AF HEPTACHLOR EPOXIDE 1024-57-3 14 14 ug/Kg U 40793 SS40058AF HEPTACHLOR EPOXIDE 14 ug/Kg U 0 2 IN 1024-57-3 14 V HEPTACHLOR EPOXIDE SS40004AF 40893 0 21IN 1024-57-3 8 9.6 ug/Kg | U W 40993 SS40072AE HEPTACHLOR EPOXIDE 0 2 IN 1024-57-3 9.4 9.4 ug/Kg U V 41193 0 SS40007AF 2 IN HEPTACHLOR EPOXIDE 1024-57-3 12 12 ug/Kg | U V 41293 SS40071AE HEPTACHLOR EPOXIDE 0 2: IN 1024-57-3 18 18 ug/Kg U V 41593 SS40073AE HEPTACHLOR EPOXIDE 4 6 IN 1024-57-3 8.4 8.4 ug/Kg U īV S\$40410AE HEPTACHLOR EPOXIDE O 21IN 1024-57-3 11 11 ug/Kg U V 2 IN 41793 SS40077AE HEPTACHLOR EPOXIDE 1024-57-3 9.3 9.3 ug/Kg | U

32 Y

| F1 250 64 2 41 | r | 34 1 8 | 1.0.e | | Evaporation Ponds AOC - Analytical Re- | | face Soils - Or | ganics | Y | · · · · · · · · · · · · · · · · · · · | |
|------------------------|------------|---------|------------------|---------------|--|------------------------|-----------------|--------|------------------|---|---------------|
| LOCATION | | | (X - 1) | | | | DETECTION | | 1 | LAB RESULT | VALIDATION |
| CODE | START | | PROMISSION OF | SAMPLE NUMBER | ANALYTE 🖠 🖠 🦹 | . CAS NO. | LIMIT | RESULT | Secretarian mark | QUALIFIER | QUALIFIER |
| 41993 | 0 | | | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 9.5 8.3 | | ug/Kg ug/Kg | | íV IV |
| 42193 | 4 | · | <u> </u> | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.3 | | ug/Kg | | J. |
| 42393 | 0 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.6 | 8.6 | ug/Kg | iU . | V |
| 42693 42998 | : 0 I 0 | | · | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 13 8.9 | | ug/Kg | | V V |
| 43393 | 4 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.4 | | ug/Kg lug/Kg | | V V |
| 43693 | 4 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.4 | 8.4 | ug/Kg | U | V |
| 43793 43893 | 0 | | | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 9.1 | | ug/Kg | | V |
| 43993 | , <u> </u> | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 9.6 9.2 | | ug/Kg | | V |
| 44093 | 0 | | ******* | SS40090AE | HEPTACHLOR EPOXIDE | 1024-57-3 | 9.6 | | ug/Kg | | V |
| 44393 44893 | 0 | | | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 9 | | ug/Kg | | V |
| 45693 | 0 | | · | | HEPTACHLOR EPOXIDE | 1024-57-3 1024-57-3 | 10 11 | | ug/Kg ug/Kg | | V V |
| 45793 | 0 | 2 | IN | SS40015AE | HEPTACHLOR EPOXIDE | 1024-57-3 | 12 | | ug/Kg | | v |
| 46193 46693 | 0 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 10 | | ug/Kg | | V |
| 46793 | 4 | | | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | . 8 | | ug/Kg ug/Kg | | V |
| 46893 | 4 | 6 | IN | SS40143AE | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | | ug/Kg | | V |
| 47093 | 0 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | | ug/Kg | | ٧ |
| SS400293 SS400393 | 0 | | | | | 1024-57-3 | 11 8.3 | | ug/Kg ug/Kg | Maria and Maria and Maria and Maria and Maria and Maria | V V |
| SS400593 | Ö | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.2 | | ug/Kg | | V |
| SS400693 | 0 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.7 | 8.7 | ug/Kg | U | V |
| SS400793 SS400893 | 0 | | *********** | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 9.1 | | lug/Kg | | v v |
| SS401193 | 0 | | | | | 1024-57-3 | 12 | | ug/Kg ug/Kg | | V |
| SS401293 | 0 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.7 | 8.7 | ug/Kg | U | V |
| SS401393 SS401593 | 0 | | | | | 1024-57-3 | 11 | | ug/Kg | | V |
| SS401693 | Ö | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 10 8.5 | | ug/Kg ug/Kg | | <u>v</u> |
| SS401893 | 0 | | | SS40034AE | HEPTACHLOR EPOXIDE | 1024-57-3 | 9 | | ug/Kg | | v v |
| SS402393 SS402593 | 0 | | | | HEPTACHLOR EPOXIDE | 1024-57-3 | 9.2 | 9.2 | ug/Kg | U j | V |
| SS402793 | 0 | | | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 1024-57-3 | 11 8.8 | | ug/Kg ug/Kg | | V V |
| SS402893 | 0 | | IN | | | 1024-57-3 | 8.5 | | ug/Kg | | v |
| SS402993 SS403093 | 0 | | | | | 1024-57-3 | 8.2 | | ug/Kg | | V |
| SS403093 | 0 | ····· | | | | 1024-57-3 1024-57-3 | 17 11 | | ug/Kg ug/Kg | | <u>V</u> V |
| SS403293 | 0 | 2 | | | | 1024-57-3 | 11 | | ug/Kg | | v V |
| SS403393 | 0 | | | | | 1024-57-3 | 15 | | ug/Kg | | V |
| SS403493 SS403593 | 0 | | | | | 1024-57-3 1024-57-3 | 10 9.4 | | ug/Kg ug/Kg | | <u>v</u> |
| SS403693 | 0 | | | | | 1024-57-3 | 9.4 | | ug/Kg | | v |
| SS606292 | 0 | | | | | 1024-57-3 | 8 | 9 | ug/Kg | U | V |
| SS620292 SS400693 | 0 | | | | | 1024-57-3 2216-30-0 | 8 | | ug/Kg | | V |
| 05093 | 0 | | | | | 118-74-1 | 360 | | ug/Kg ug/Kg | | Z Z |
| 05193 | 0 | | | | · · · · · · · · · · · · · · · · · · · | 118-74-1 | 380 | | ug/Kg | | V |
| 05393 40093 | 0 | | | | | 118-74-1 | 360 | | ug/Kg | | Z |
| 40293 | 0 | | | | | 118-74-1 118-74-1 | 480 450 | | ug/Kg ug/Kg | | V V |
| 40393 | 0 | 2 | IN | SS40053AE | HEXACHLOROBENZENE | 118-74-1 | 440 | | ug/Kg | | v |
| 40693 40793 | 0 | | | | | 118-74-1 | 600 | | ug/Kg | | V |
| 40893 | 0 | | | | | 118-74-1 118-74-1 | 590 330 | | ug/Kg ug/Kg | | V V |
| 40993 | 0 | 2 | IN | SS40072AE | HEXACHLOROBENZENE | 118-74-1 | 390 | | ug/Kg | | · |
| 41193 | 0 | | | ···· | | 118-74-1 | 500 | | ug/Kg | | V |
| 41293 41593 | 0 4 | | | | | 118-74-1 118-74-1 | 740 350 | | ug/Kg ug/Kg | | v v |
| 41693 | 0 | , 2 | | | | 118-74-1 | 450 | | ug/Kg | | V |
| 41793 | 0 | | | | | 118-74-1 | 390 | 390 | ug/Kg | U | |
| 41993 42093 | 0 | | | | | 118-74-1 118-74-1 | 400 350 | | ug/Kg | | ., |
| 42193 | 4 | | | | | 118-74-1 | 350 | | ug/Kg ug/Kg | | <u>v</u> v |
| 42293 | 0 | 2 | IN | SS40078AE | HEXACHLOROBENZENE | 118-74-1 | 380 | 380 | ug/Kg | U . | J |
| 42393 42593 | 0 | 2 6 | | | | 118-74-1 | 360 | | ug/Kg | | |
| 42693. | 0 | | | | | 118-74-1 118-74-1 | 350 520 | | ug/Kg ug/Kg | | |
| 42993 | 0 | 2 | IN | SS40056AE | HEXACHLOROBENZENE | 118-74-1 | 370 | 370 | ug/Kg | Ü | V |
| 43193 43893 | 0 | 2 | | | | 118-74-1 | 360 | | ug/Kg | | , |
| 43493 | 4 0 | 6j 2 | | | | 118-74-1 118-74-1 | 350 380 | | ug/Kg ug/Kg | | У Ј |
| 43693 | 4 | 6 | IN | SS40089AE I | HEXACHLOROBENZENE | 118-74-1 | 350 | | ug/Kg | | , , |
| 43793 | 0 | 2 | | | | 118-74-1 | 380 | 380 | ug/Kg | U ! | V |
| 43893 43993 | 0 | 2 | | | | 118-74-1 118-74-1 | 400 380 | | ug/Kg | | V |
| 10000 | <u> </u> | | - ! · | | | 110-74-1 | 380 | 380 | ug/Kg | <u>'</u> | V |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics * ** CONTRACTOR OF THE STATE OF THE Te 14 100 100 LOCATION DETECTION LAB RESULT VALIDATION DEPTH DEPTH ANALYTE UNIT SAMPLE NUMBER CODE START END CAS NO. DUMIT RESULT UNITS QUALIFIER QUALIFIER HEXACHLOROBENZENE 400 ug/Kg | Ú 380 ug/Kg | U 44093 SS40090AE 118-74-1 400 21N 44393 0 211N !SS40005AE HEXACHLOROBENZENE 118-74-1 380 IV 44893 n 2 IN SS40070AF HEXACHLOROBENZENE 118-74-1 440 440 ug/Kg U IV 45693 0 211N ISS40094AE HEXACHLOROBENZENE 118-74-1 480 480 ug/Kg | U IV 45793 n 2:IN ISS40015AF HEXACHI OROBENZENE 1118-74-1 500 500 ug/Kg U īv HEXACHLOROBENZENE SS40096AF 46193 0 2!IN 118-74-1 420 420|ug/Kg | U ĪV 146693 4 6IIN SS40141AE HEXACHLOROBENZENE 118-74-1 330 360 ug/Kg | U ĩV SS40142AF HEXACHLOROBENZENE 46793 4 6 IN 118-74-1 330 360 ug/Kg | U V SS40143AE 6IIN HEXACHLOROBENZENE 46893 4 1118-74-1 330 370 ug/Kg | U IV SS40145AE HEXACHLOROBENZENE 47093 0 11IN 1118-74-1 330 370|ug/Kg | U IV 0 SS40018AE SS400293 2 IN HEXACHLOROBENZENE 118-74-1 460 460 ug/Kg U īv SS400393 0 SS40019AE HEXACHLOROBENZENE 2 IN 118-74-1 350 350|ug/Kg | U īV SS400593 0 2 IN SS40021AE HEXACHLOROBENZENE 1118-74-1 340 340 ug/Kg U IV SS400693 2 IN SS40022AE HEXACHLOROBENZENE 118-74-1 360 360 ug/Kg !U SS40023AE HEXACHLOROBENZENE SS400793 ō 2 IN 118-74-1 380 380 ug/Kg U īV SS400893 Ö 2 IN SS40024AE HEXACHLOROBENZENE 1118-74-1 460 460 ug/Kg U V HEXACHLOROBENZENE SS401193 0 2 IN SS40027AE 118-74-1 480 480 ug/Kg | U SS401293 0 21IN SS40028AE HEXACHLOROBENZENE 118-74-1 360 ug/Kg ¡U IV 360 SS401393 ō 2 IN S\$40029AE **HEXACHLOROBENZENE** 470 ug/Kg | U 118-74-1 V SS401593 2 IN |SS40031AE **HEXACHLOROBENZENE** Ö :118-74-1 430 430 ug/Kg | U SS401693 0 2 IN SS40032AE HEXACHLOROBENZENE 118-74-1 360 360 ug/Kg | U SS401893 0 2IIN SS40034AE HEXACHLOROBENZENE 118-74-1 380 380 ug/Kg | U SS402393 2 IN SS40039AE HEXACHLOROBENZENE 118-74-1 380 380 ug/Kg U SS402593 0 211N SS40041AE HEXACHLOROBENZENE 118-74-1 440 440 ug/Kg | U SS402793 0 2 IN SS40043AE HEXACHLOROBENZENE 118-74-1 - 370 370 ug/Kg U SS402893 0 2IIN SS40044AE HEXACHLOROBENZENE 118-74-1 350 350 ug/Kg | U 118-74-1 SS402993 0 2IIN SS40045AF HEXACHLOROBENZENE 340 340 ug/Kg | U V SS403093 0 2 IN SS40046AF HEXACHLOROBENZENE 118-74-1 700 700 ug/Kg | U SS403193 O 211N SS40047AF HEXACHLOROBENZENE 118-74-1 460 460 ug/Kg U HEXACHLOROBENZENE 440 ug/Kg |U SS403293 0 2:1N SS40048AF 118-74-1 440 V SS403393 SS40049AE HEXACHLOROBENZENE 0 2! IN 118-74-1 630 630 ug/Kg U Ī SS403493 HEXACHLOROBENZENE 0 21IN SS40050AE 118-74-1 420 420 ug/Kg | U V SS403593 SS40051AE HEXACHLOROBENZENE 0 2 IN 118-74-1 390 390 ug/Kg | U IV SS403693 0 SS40052AE HEXACHLOROBENZENE 2 IN 118-74-1 390 390 ug/Kg | U ĪV SS810893 3|IN SSG0102JE HEXACHLOROBENZENE 0 330 118-74-1 340 ug/Kg | U Τv SS811193 0 SSG0105JE HEXACHLOROBENZENE 118-74-1 330 350 ug/Kg | U V SS811493 SSG0108JE HEXACHLOROBENZENE 118-74-1 330 380 ug/Kg | U īV 05093 SS00002AE HEXACHLOROBUTADIENE 87-68-3 360 360 ug/Kg | U 17 05193 SS00003AE **HEXACHLOROBUTADIENE** 87-68-3 V 380 380 ug/Kg | U SS00005AE HEXACHLOROBUTADIENE 05393 0 2||N 187-68-3 360 360 ug/Kg | U Z SS40060AE HEXACHLOROBUTADIENE 40093 87-68-3 v 480 480 ug/Kg | U HEXACHLOROBUTADIENE 40293 0 2 IN SS40042AE 87-68-3 450 450 ug/Kg | U V 40393 2IIN SS40053AE HEXACHLOROBUTADIENE 440 87-68-3 440 ug/Kg | U īv 40693 0 SS40057AE HEXACHLOROBUTADIENE 2|IN 87-68-3 600 ug/Kg |U 600 ٠v 40793 SS40058AE HEXACHLOROBUTADIENE 2IIN 87-68-3 590|ug/Kg |U V 590 40893 2 IN SS40004AE HEXACHLOROBUTADIENE O 87-68-3 330 400 ug/Kg U V 40993 ō 2IIN SS40072AE HEXACHLOROBUTADIENE 390 390 ug/Kg | U 41193 ō 2IIN SS40007AE HEXACHLOROBUTADIENE 87-68-3 500 500 ug/Kg U 41293 ō 211N SS40071AE HEXACHLOROBUTADIENE 87-68-3 740 740 ug/Kg | U 41593 4 6:IN SS40073AF HEXACHLOROBUTADIENE 87-68-3 350 350 ug/Kg | U 0 41693 21IN ISS40410AF HEXACHLOROBUTADIENE 87-68-3 450 450 ug/Kg | U 41793 0 2 IN SS40077AE HEXACHLOROBUTADIENE 87-68-3 390 390 ug/Kg | U SS40009AF 41993 0 2 IN HEXACHLOROBUTADIENE 87-68-3 400 400 ug/Kg U 42093 HEXACHLOROBUTADIENE 350 ug/Kg | U 0 2IIN SS40480AE 87-68-3 350 V 42193 6 IN SS40012AF **HEXACHLOROBUTADIENE** 187-68-3 350 350 ug/Kg | U IV SS40078AE 42293 HEXACHLOROBUTADIENE 0 2IIN 87-68-3 380 380 ug/Kg | U 42393 0 2IIN SS40079AE HEXACHLOROBUTADIENE 187-68-3 360 360!ug/Kg | U 42593 ISS40082AE HEXACHLOROBUTADIENE 4 6IIN 87-68-3 350 350|ug/Kg |U IV 42693 0 2IIN SS40080AE HEXACHLOROBUTADIENE 187-68-3 520 520 ug/Kg | U 42993 S\$40056AE HEXACHLOROBUTADIENE 2 IN 187-68-3 370 370 ug/Kg | U īV 43193 0 2IN SS40084AE HEXACHLOROBUTADIENE 187-68-3 360 360 ug/Kg | U 43393 6IN S\$40087AE HEXACHLOROBUTADIENE İΨ 87-68-3 350 350 ug/Kg | U Ö 2 IN 43493 SS40086AE HEXACHLOROBUTADIENE 187-68-3 380 380 ug/Kg U 1.1 43693 6 IN S\$40089AE HEXACHLOROBUTADIENE 187-68-3 350 350 ug/Kg | U 43793 0 2 IN SS40088AE HEXACHLOROBUTADIENE 87-68-3 380 380 ug/Kg | U ĪV 43893 0 SS40010AE HEXACHLOROBUTADIENE 87-68-3 400 400 ug/Kg |U V HEXACHLOROBUTADIENE 43993 0 2 IN S\$40091AE 87-68-3 380 380|ug/Kg | U IV 44093 SS40090AE HEXACHLOROBUTADIENE 2IIN 87-68-3 400 400 ug/Kg U 44393 0 2 IN SS40005AE HEXACHLOROBUTADIENE 87-68-3 380 İ۷ 380 ug/Kg | U 44893 0 2 IN SS40070AE HEXACHLOROBUTADIENE 440 440 ug/Kg U I۷ 45693 2 IN 0 SS40094AE HEXACHLOROBUTADIENE 87-68-3 480 ug/Kg U 480 45793 0 2 IN SS40015AE HEXACHLOROBUTADIENE 500 ug/Kg |U 87-68-3 500 46193 0 2 IN SS40096AF HEXACHLOROBUTADIENE 87-68-3 420 420 ug/Kg | U 46693 6IIN SS40141AE HEXACHLOROBUTADIENE 87-68-3 330 360 ug/Kg | U 87-68-3 46793 4 6 IN SS40142AF HEXACHLOROBUTADIENE 330 360 ug/Kg | U 146893 4 6 IN SS40143AE HEXACHLOROBUTADIENE 87-68-3 330 370 ug/Kg | U 47093 O 1IIN SS40145AF HEXACHLOROBUTADIENE 87-68-3 370 ug/Kg | U 330 SS400293 0 S\$40018AE HEXACHLOROBUTADIENE 2iIN 87-68-3 460 460 ug/Kg U

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

| | | | | | ar Evaporation Ponds AOC - Analytical Resu | | | Z. PRODUNDO BY CHEN TO SEE TO STONE OF BUILDING SECTION OF THE | | | | | |
|------------------------|-----------------|-------------|-------------------------|---------------------------------------|--|----------------|--------------------|--|-----|----------------|---|--------------|--|
| LOCATION | | DEPTH | | 365 | | | | DETECTION | | | LAB RESULT | | |
| CODE | START | END | UNIT | SAMPLE NUMBER | 19 m 19 29 | WALYTE | CAS NO. | LIMIT | | UNITS | QUALIFIER | | |
| SS400393 | 0 | | | | HEXACHLOROB | UTADIENE | 87-68-3 | 350 | | ug/Kg | | V | |
| SS400593 | 0 | | | | HEXACHLOROB | | 87-68-3 | 340 | | ug/Kg | | V | |
| SS400693 | 0 | | | | HEXACHLOROB | | 87-68-3 | 360 | | ug/Kg | | v | |
| SS400793 | 0 | | 2 IN | | HEXACHLOROB | | 87-68-3 | 380 | 380 | ug/Kg | U | V | |
| SS400893 | 0 | | | SS40024AE | HEXACHLOROB | UTADIENE | 87-68-3 | 460 | 460 | ug/Kg | U | V | |
| SS401193 | 0 | | | | HEXACHLOROB | | 87-68-3 | 480 | | ug/Kg | U | V | |
| SS401293 | 0 | | | | HEXACHLOROB | | 87-68-3 | 360 | | ug/Kg | | V | |
| SS401393 | 0 | | | | HEXACHLOROB | | 87-68-3 | 470 | | ug/Kg | | V | |
| SS401593 | 0 | | | | HEXACHLOROB | | 87-68-3 | 430 | | ug/Kg | | V | |
| SS401693 | 0. | | | | HEXACHLOROB | | 87-68-3 | 360 | | ug/Kg | | V | |
| SS401893 | 0 | | | | HEXACHLOROB | | 87-68-3 | 380 | | ug/Kg | | V | |
| SS402393 | 0 | | | | HEXACHLOROB | | 87-68-3 | 380 | | ug/Kg | | V | |
| SS402593 SS402793 | 0 | | | | HEXACHLOROB | | 87-68-3 | 440 | | ug/Kg | | V | |
| SS402893 | 0 | | | | HEXACHLOROB HEXACHLOROB | | 87-68-3 87-68-3 | 370 350 | | ug/Kg | | V V | |
| S\$402993 | 0 | | | | HEXACHLOROB | | 87-68-3 | 340 | | ug/Kg | | V . | |
| SS403093 | 0 | | | | HEXACHLOROB | | 87-68-3 | 700 | | ug/Kg ug/Kg | | V | |
| SS403193 | 0 | | | | HEXACHLOROB | | 87-68-3 | 460 | | ug/Kg | | v · | |
| SS403293 | 0 | | | | HEXACHLOROB | | 87-68-3 | 440 | | ug/Kg | | v | |
| SS403393 | 0 | | | ~~~~~ | HEXACHLOROB | | 87-68-3 | 630 | | ug/Kg | Towns many services were the termination of | v - | |
| SS403493 | 0 | | · | | HEXACHLOROB | | 87-68-3 | 420 | | ug/Kg | | v | |
| SS403593 | 0 | | | | HEXACHLOROB | | 87-68-3 | 390 | | ug/Kg | | V | |
| SS403693 | 0 | | · | | HEXACHLOROB | | 87-68-3 | 390 | | ug/Kg | | V | |
| SS810893 | 0 | 3 | 3 IN | | HEXACHLOROB | | 87-68-3 | 330 | | ug/Kg | | V | |
| SS811193 | . 0 | | 3 IN | SSG0105JE | HEXACHLOROB | | 87-68-3 | 330 | | ug/Kg | | V | |
| SS811493 | 0 | | | · · · · · · · · · · · · · · · · · · · | HEXACHLOROB | | 87-68-3 | 330 | 380 | ug/Kg | Ü | V | |
| 05093 | 0 | | | | | | 77-47-4 | 360 | 360 | ug/Kg | U | Z | |
| 05193 | 0 | | | | | | 77-47-4 | 380 | | ug/Kg | | ٧ , | |
| 05393 | 0 | | | | | | 77-47-4 | 360 | | ug/Kg | | Z | |
| 40093 | 0 | | | | | | 77-47-4 | 480 | | ug/Kg | | V | |
| 40293 | 0 | | | | | | 77-47-4 | 450 | | ug/Kg | | V | |
| 40393 | 0 | | | | | | 77-47-4 | 440 | | ug/Kg | | V | |
| 40693 | 0 | | | | | | 77-47-4 | 600 | | ug/Kg | | V | |
| 40793 40893 | 0 | | | | | | 77-47-4 | 590 | | ug/Kg | | V | |
| 40983 | 0 | | | | | | 77-47-4 77-47-4 | 330 | | ug/Kg | | V | |
| 41193 | 0 | | | | | | 77-47-4 | 390 500 | | ug/Kg | | v v | |
| 41293 | 0 | | AND THE PERSON NAMED IN | | | | 77-47-4 | 740 | | ug/Kg ug/Kg | | v V | |
| 41593 | 4 | | | | | | 77-47-4 | 350 | | ug/Kg | | v | |
| 41693 | 0 | | ~ | | | | 77-47-4 | 450 | | ug/Kg | | v | |
| 41793 | 0 | | | | | | 77-47-4 | 390 | | ug/Kg | | | |
| 41993 | 0 | 2 | | | | | 77-47-4 | 400 | | ug/Kg | | | |
| 42093 | 0. | 2 | ZIN | SS40480AE | HEXACHLOROC | YCLOPENTADIENE | 77-47-4 | 350 | | ug/Kg | | V | |
| 42193 | 4 | 6 | SIN | SS40012AE | HEXACHLOROC | YCLOPENTADIENE | 77-47-4 | 350 | | ug/Kg | | V | |
| 42293 | 0 | . 2 | 2 IN | SS40078AE | HEXACHLOROC | YCLOPENTADIENE | 77-47-4 | 380 | 380 | ug/Kg | U | J | |
| 42393 | 0, | | | | | | 77-47-4 | 360 | 360 | ug/Kg | U | V | |
| 42593 | 4 | | | | | | 77-47-4 | 350 | 350 | ug/Kg | U | V | |
| 42693 | 0; | | | | | | 77-47-4 | 520 | | ug/Kg i | | J | |
| 42993 | 0 | | | | | | 77-47-4 | 370 | | ug/Kg | | V | |
| 43193 | 0 | | | | | | 77-47-4 | 360 | | ug/Kg | | ····· | |
| 43393 | 4, | | | | | | 77-47-4 | 350 | | ug/Kg | | <u>v</u> | |
| 43493 43693 | 0 <u>.</u> 4 | | | | | | 77-47-4 | 380 | | ug/Kg | | <u> </u> | |
| 43793 | 0 | | · | | | | 77-47-4 77-47-4 | 350 | | ug/Kg | | V. | |
| 43793 43893 | 0 | | | | | | 77-47-4 77-47-4 | 380 | | ug/Kg | | <u>V</u> | |
| 43993 | 0 | | | | | | 77-47-4 | 400 380 | | ug/Kg ug/Kg | | v v | |
| 44093 | 0 | | | | | | 77-47-4 | 400 | | ug/Kg | | v | |
| 44393 | 0 | | | | | | 77-47-4 | 380 | | ug/Kg | | V | |
| 44893 | 0 | | | | | | 77-47-4 | 440 | | ug/Kg | | × | |
| 45693 | 0 | | | | | | 77-47-4 | 480 | | ug/Kg | | ř | |
| 45793 | 0 | | | | | | 77-47-4 | 500 | | ug/Kg | | ř – | |
| 46193 | 0 | | | | | | 77-47-4 | 420 | | ug/Kg | | ř | |
| 46693 | 4 | | | | | | 77-47-4 | 330 | | ug/Kg | | v . | |
| 46793 | 4 | | | SS40142AE | HEXACHLOROC | YCLOPENTADIENE | 77-47-4 | 330 | | ug/Kg | | v v | |
| 46893 | 4 | | | SS40143AE | HEXACHLOROC | | 77-47-4 | 330 | | ug/Kg | | v | |
| 47093 | 0; | | | SS40145AE | HEXACHLOROC | YCLOPENTADIENE | 77-47-4 | 330 | | ug/Kg | | V | |
| SS400293 | 0 | | | | | | 77-47-4 | 460 | 460 | ug/Kg | Ú | V | |
| SS400393 | 0 | | | | | | 77-47-4 | 350 | 350 | ug/Kg | U | V | |
| SS400593 | 0 | | | | | | 77-47-4 | 340 | | ug/Kg | | V | |
| SS400693 | 0 | | | | | | 77-47-4 | 360 | | ug/Kg | | V | |
| \$\$400793 | 0 | | | | | | 77-47-4 | 380 | | ug/Kg | | V | |
| SS400893 | 0 | | | | | | 77-47-4 | 460 | | ug/Kg i | | V | |
| SS401193 | 0 | | | | | | 77-47-4 | 480 | | ug/Kg | | V | |
| \$\$401293 | 0 | | | | | | 77-47-4 | 360 | | ug/Kg | | V | |
| SS401393 | 0 | | | | | | 77-47-4 | 470 | | ug/Kg | | <u>V</u> | |
| SS401593 SS401693 | 0 | | | | | | 77-47-4 | 430 | | ug/Kg | | <u> </u> | |
| SS401693 SS401893 | 0 | | | | | | 77-47-4 | 360 | | ug/Kg | | V | |
| 23401033 | 0 | 2 | IN IS | SS40034AE | -EXACHLUROC | YCLOPENTADIENE | 77-47-4 | 380 | 380 | ug/Kg | U | V | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 3.0 LOCATION DEPTH DEPTH DETECTION LAB RESULT VALIDATION ANALYTE CAS NO. CODE START END UNIT SAMPLE NUMBER . UMIT∹ RESULT UNITS QUALIFIER QUALIFIER HEXACHLOROCYCLOPENTADIENE SS402393 2:IN SS40039AE 77-47-4 380 380 ug/Kg | U O SS402593 0 2| IN SS40041AF HEXACHLOROCYCLOPENTADIENE 77-47-4 440 440 ug/Kg U IV SS402793 n 211N SS40043AE HEXACHLOROCYCLOPENTADIENE 177-47-4 370 370 ug/Kg | U IV SS402893 ٥ 21IN SS40044AF HEXACHLOROCYCLOPENTADIENE 77-47-4 350 350 ug/Kg | U IV SS402993 n 21IN SS40045AF **IHEXACHLOROCYCLOPENTADIENE** 77-47-4 340 340 ug/Kg IU V HEXACHLOROCYCLOPENTADIENE SS403093 SS40046AE 0 2IIN 77-47-4 700 700.ug/Kg | U ١V SS403193 SS40047AE 0 2!IN HEXACHLOROCYCLOPENTADIENE 77-47-4 460 460 ug/Kg | U V SS403293 SS40048AE **HEXACHLOROCYCLOPENTADIENE** V 0 211N 77-47-4 440 440 ug/Kg | U 2 IN SS40049AE HEXACHLOROCYCLOPENTADIENE SS403393 0 77-47-4 630 ug/Kg U 630 IV SS403493 SS40050AE HEXACHLOROCYCLOPENTADIENE 77-47-4 0 21IN 420 420 ug/Kg | U IV S\$403593 2 IN SS40051AE HEXACHLOROCYCLOPENTADIENE ĪV 0 77-47-4 390 390 ug/Kg | U SS403693 S\$40052AE HEXACHLOROCYCLOPENTADIENE 77-47-4 390 390|ug/Kg |U IV S\$810893 SSG0102JE HEXACHLOROCYCLOPENTADIENE 0 77-47-4 V 330 340 ug/Kg | U 3 IN SSG0105JE 350 ug/Kg | U SS811193 0 HEXACHLOROCYCLOPENTADIENE 77-47-4 330 HEXACHLOROCYCLOPENTADIENE SSG0108JE SS811493 0 3IIN 330 380 ug/Kg | U ĪV 05093 0 211 SS00002AE HEXACHLOROETHANE 67-72-1 360 360 ug/Kg | U 05193 0 211N SS00003AE HEXACHLOROETHANE 380 380 ug/Kg | U 05393 0 2|IN SS00005AE HEXACHLOROETHANE 67-72-1 360 360 ug/Kg | U 40093 0 2IIN S\$40060AE HEXACHLOROETHANE 167-72-1 V 480 480 ug/Kg !U 40293 0 2 IN SS40042AE HEXACHLOROETHANE 67-72-1 450 450 ug/Kg | U 40393 0 2IIN SS40053AE **HEXACHLOROETHANE** 167-72-1 440 440 ug/Kg U 40693 0 2 IN SS40057AE HEXACHLOROETHANE 67-72-1 600 600 ug/Kg U 2 IN 40793 O. SS40058AE HEXACHLOROETHANE 67-72-1 590 V 590 ug/Kg | U 40893 0 21IN SS40004AE HEXACHLOROETHANE 67-72-1 330 400 ug/Kg | U īV V 40993 0 2 IN SS40072AE HEXACHI OROFTHANE 67-72-1 390 390 ug/Kg | U HEXACHLOROETHANE 41193 0 2 IN SS40007AE 167-72-1 500 500 ug/Kg U ĪV SS40071AF 41293 21IN HEXACHI OROFTHANE 0 167-72-1 740 740 ug/Kg | U IV SS40073AE 41593 4 6IIN HEXACHLOROETHANE 167-72-1 350 350 ug/Kg | U IV 41693 SS40410AE HEXACHLOROETHANE Õ 2:IN 67-72-1 450 450 ug/Kg U W SS40077AE 41793 0 2(IN HEXACHLOROETHANE 67-72-1 390 390 ug/Kg | U 41993 0 2 IN SS40009AE **HEXACHLOROETHANE** 67-72-1 400 400 ug/Kg | U 42093 0 2 IN SS40480AE HEXACHLOROETHANE īv 67-72-1 350 350 ug/Kg | U SS40012AE HEXACHLOROETHANE 42193 6 IN 4 167-72-1 350 350 ug/Kg | U IV 42293 SS40078AE HEXACHLOROETHANE 0 2 IN 67-72-1 380 380 ug/Kg | U I.I 42393 2 IN SS40079AE HEXACHLOROETHANE 0 67-72-1 V 360 360 ug/Kg U SS40082AE 6 IN HEXACHLOROETHANE 67-72-1 350 350 ug/Kg | U 42693 0 2 IN SS40080AE HEXACHLOROETHANE 67-72-1 520 520 ug/Kg | U IJ SS40056AE 42993 HEXACHLOROETHANE 67-72-1 370 370 ug/Kg | U 17 SS40084AE 43193 HEXACHLOROETHANE 67-72-1 360 360 ug/Kg | U SS40087AE HEXACHLOROETHANE 67-72-1 350 ug/Kg | U V 43393 6 IN 350 43493 0 SS40086AE HEXACHLOROETHANE 67-72-1 380 380 ug/Kg | U 43693 6:IN SS40089AE HEXACHLOROETHANE 350 350 ug/Kg | U 43793 SS40088AE HEXACHLOROETHANE 67-72-1 380 380 ug/Kg | U 43893 2 IN ISS40010AE HEXACHLOROETHANE o 400 400 ug/Kg U 43993 0 2 IN SS40091AE **HEXACHLOROETHANE** 67-72-1 380 ug/Kg | U 44093 0 2 IN SS40090AE **HEXACHLOROETHANE** 400 400 ug/Kg | U 44393 0 2 IN SS40005AE HEXACHLOROETHANE 67-72-1 380 380 ug/Kg | U 44893 2 IN SS40070AE HEXACHLOROETHANE 67-72-1 0 440 440 ug/Kg | U 45693 n 2 IN SS40094AE HEXACHLOROETHANE 67-72-1 480 480 ug/Kg | U 45793 0 2 IN SS40015AF **HEXACHLOROETHANE** 67-72-1 500 500 ug/Kg U ī 46193 0 2IIN SS40096AF HEXACHLOROETHANE 67-72-1 420 420 ug/Kg | U 46693 4 6IIN SS40141AF HEXACHLOROETHANE 67-72-1 330 360 ug/Kg | U īV 46793 4 6UN ISS40142AF HEXACHLOROFTHANE 67-72-1 330 360 ug/Kg | U 46893 HEXACHLOROETHANE 370 ug/Kg | U 4 6IIN SS40143AE 67-72-1 330 V 47093 0 SS40145AF HEXACHI OROFTHANE 1!IN 67-72-1 330 370 ug/Kg | U 11/ SS400293 SS40018AE HEXACHLOROETHANE 0 2IIN 67-72-1 460 460 ug/Kg 1U ĺΫ SS40019AE SS400393 0 2 IN HEXACHLOROETHANE 167-72-1 350 350 ug/Kg | U IV SS400593 SS40021AE HEXACHLOROETHANE 0 2 IN 67-72-1 340 340 ug/Kg | U īV \$\$400693 2 IN SS40022AE HEXACHLOROETHANE 0 67-72-1 360 360 ug/Kg U SS400793 2|IN SS40023AE HEXACHLOROETHANE 0 67-72-1 380 ug/Kg U 380 IV SS400893 2IN SS40024AE HEXACHLOROETHANE 67-72-1 460 460 ug/Kg U SS401193 ō SS40027AF HEXACHLOROETHANE 67-72-1 480 480 ug/Kg : U īV SS401293 SS40028A 0 HEXACHLOROETHANE 67-72-1 360 360 ug/Kg ;U SS401393 SS40029AE HEXACHLOROETHANE 67-72-1 470 470 ug/Kg U īV SS401593 2IIN SS40031AE HEXACHLOROETHANE 0 67-72-1 430 430 ug/Kg | U SS401693 0 SS40032AE **HEXACHLOROETHANE** 360 360 ug/Kg | U 67-72-1 IV SS401893 0 2 IN SS40034AE HEXACHLOROETHANE 67-72-1 380 380 ug/Kg | U SS402393 SS40039AE HEXACHLOROETHANE 0 2 IN 380 380 ug/Kg | U SS402593 0 2 IN SS40041AE HEXACHLOROETHANE 67-72-1 440 440 ug/Kg U SS402793 0 2 IN SS40043AE HEXACHLOROETHANE 167-72-1 370 370|ug/Kg |U SS402893 0 2 IN SS40044AE **HEXACHLOROETHANE** 67-72-1 350 350 ug/Kg | U SS402993 0 2 IN SS40045AE HEXACHLOROETHANE 67-72-1 340 340 ug/Kg | U IV SS403093 0 2 IN SS40046AF HEXACHLOROETHANE 67-72-1 700 700 jug/Kg iU SS403193 0 2!IN !SS40047AF HEXACHLOROFTHANE 67-72-1 460 460 ug/Kg ¡U ĩ۷ SS403293 0 2 IN SS40048AF HEXACHLOROETHANE 67-72-1 440 440 ug/Kg | U S9403393 0 2 IN SS40049AE HEXACHLOROETHANE 67-72-1 630 630 ug/Kg | U SS403493 SS40050AF 0 2 IN HEXACHLOROFTHANE 67-72-1 420 420 ug/Kg | U SS403593 2 IN SS40051AE HEXACHLOROETHANE 67-72-1 390 390|ug/Kg |U

| | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | S\$40052AE S\$40052AE S\$40052AE S\$40052AE S\$50002AE S\$50002AE S\$00005AE S\$40005AE S\$40060AE S\$40050AE S\$40057AE S\$40057AE S\$40057AE S\$40077AE | ANALYTE HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXATRIACONTANE INDENO(1,2,3-CD)PYRENE | CAS NO. 67-72-1 67-72-1 67-72-1 67-72-1 67-72-1 67-72-1 630-06-8 630-06-8 193-39-5 1 | DETECTION LIMIT 390 330 330 330 330 330 330 330 330 330 | RESULT UNIT 390 ug/Kc 340 ug/Kc 340 ug/Kc 350 ug/Kc 650 ug/Kc 650 ug/Kc 650 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 76 ug/Kc 76 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc | S OUAUFIER U U U U U U U U U | CUALIFI V V V V V V V V V |
|--|--|---|---|--|--|--|---|---|---|
| \$\$810893 \$\$811193 \$\$811193 \$\$811193 \$\$811193 \$\$813693 \$\$403693 \$\$15093 \$\$15093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$11193 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SSG0102JE SSG0105JE SSG0105JE SSG0105JE SSG0108JE SSG0108JE SSG0108JE SSG0108JE SSG0108JE SS40052AE SS40052AE SS40003AE SS40003AE SS400042AE SS400042AE SS40053AE SS40053AE SS40057AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4008AE SS4009AE SS4009AE | HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXATRIACONTANE HEXATRIACONTANE INDENO(1,2,3-CD)PYRENE | 67-72-1 67-72-1 67-72-1 630-06-8 630-06-8 193-39-5 | 330 330 330 330 330 330 340 480 450 590 330 500 740 350 350 350 350 350 350 350 350 350 35 | 340 ug/Kc 350 ug/Kc 350 ug/Kc 650 ug/Kc 650 ug/Kc 650 ug/Kc 48 ug/Kc 48 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 76 ug/Kc 76 ug/Kc 270 ug/Kc 350 ug/Kc 550 ug/Kc 350 ug/Kc | | V |
| SS811193 SS811493 SS811493 SS811493 SS403693 SS403693 SS403693 SS403693 SS40393 SS40 | 0 0 0 0 0 0 0 0 0 0 | | SSG0105JE SSG0108JE SSG0108JE SSG0108JE SSG0108JE SS40052AE SS40002AE SS40003AE SS40005AE SS40005AE SS4006AE SS40053AE SS40053AE SS40057AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4008AE SS4009AE SS4009AE SS4009AE | HEXACHLOROETHANE HEXACHLOROETHANE HEXACHLOROETHANE HEXATRIACONTANE INDENO(1,2,3-CD)PYRENE | 67-72-1 67-72-1 630-06-8 630-06-8 193-39-5 | 330 330 330 360 380 360 480 450 450 590 330 390 500 740 350 350 350 350 350 350 350 35 | 350 ug/Kc 380 ug/Kc 650 ug/Kc 650 ug/Kc 650 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 550 ug/Kc 350 ug/Kc | | V |
| SS811493 SS403693 SS403693 SS403693 SS403693 SS403693 SS403693 SS403693 SS40393 SS40393 SS40393 SS40393 SS40393 SS40393 SS400593 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SSG0108JE SS40052AE SS40052AE SS40052AE SS00003AE SS00003AE SS00005AE SS4004AE SS40053AE SS40053AE SS40057AE SS40058AE SS40072AE SS40071AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40081AE SS40091AE SS40091AE SS40091AE SS40091AE SS40091AE | HEXACHLOROETHANE HEXATRIACONTANE HEXATRIACONTANE INDENO(1,2,3-CD)PYRENE | 67-72-1 630-06-8 193-06-8 193-39-5 | 3300 3600 3600 3600 3600 4800 4500 5900 3300 7400 3500 | 380 ug/Kc 650 ug/Kc 650 ug/Kc 650 ug/Kc 650 ug/Kc 180 ug/Kc 480 ug/Kc 480 ug/Kc 440 ug/Kc 480 ug/Kc 76 ug/Kc 76 ug/Kc 350 ug/Kc | | V |
| \$\$403693 \$\$5093 \$\$5193 \$\$5393 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$10093 \$\$11093 \$\$11193 \$\$11293 \$\$11593 \$\$11593 \$\$11593 \$\$11593 \$\$11593 \$\$11593 \$\$11593 \$\$12293 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40052AE SS00002AE SS00003AE SS00003AE SS4006AE SS4006AE SS40053AE SS40053AE SS40057AE SS4008AE SS4008AE | IHEXATRIACONTANE INDENO(1,2,3-CD)PYRENE | 630-06-8 193-39-5 | 380 360 480 450 440 600 590 330 390 740 350 450 350 350 350 350 350 350 350 3 | 650 ug/Kc 48 ug/Kc 48 ug/Kc 48 ug/Kc 48 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 76 ug/Kc 270 ug/Kc 76 ug/Kc 76 ug/Kc 76 ug/Kc 350 ug/Kc 60 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 55 ug/Kc 350 ug/Kc 550 ug/Kc 550 ug/Kc 350 ug/Kc | | Z |
| 05093 05193 05193 05193 05193 00093 00093 00093 00093 00093 00093 00093 00093 00093 00193 00 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$00002AE \$\$00003AE \$\$00003AE \$\$40005AE \$\$40042AE \$\$40053AE \$\$40057AE \$\$40057AE \$\$40072AE \$\$40072AE \$\$40071AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 | 380 360 480 450 440 600 590 330 390 740 350 450 350 350 350 350 350 350 350 3 | 180 ug/Kc 48 ug/Kc 48 ug/Kc 48 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 76 ug/Kc 270 ug/Kc 370 ug/Kc | | Z |
| 05193 05393 100993 100993 100993 100993 100993 101993 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS00003AE SS00005AE SS40005AE SS40060AE SS40042AE SS40053AE SS40057AE SS40057AE SS40007AE SS40007AE SS40007AE SS40071AE SS40077AE SS40077AE SS40007AE SS40007AE SS40007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4007AE SS4008AE SS4009AE SS4009AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 380 360 480 450 440 600 590 330 390 740 350 450 350 350 350 350 350 350 350 3 | 48 ug/Kc 43 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 78 ug/Kc 78 ug/Kc 78 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 550 ug/Kc 360 ug/Kc 550 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 377 ug/Kc 440 ug/Kc | | A |
| 05393 0093 10093 10093 10093 10093 10093 10093 100893 100893 101993 11193 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$4005AE \$\$40060AE \$\$40060AE \$\$540053AE \$\$540053AE \$\$540053AE \$\$540053AE \$\$540053AE \$\$540053AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$54008AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 | 360 480 450 440 600 590 330 390 500 740 350 350 350 350 350 350 350 350 350 35 | 43 ug/Kc 480 ug/Kc 480 ug/Kc 440 ug/Kc 440 ug/Kc 480 ug/Kc 480 ug/Kc 76 ug/Kc 76 ug/Kc 140 ug/Kc 350 ug/Kc | | Z |
| 40293 40393 40693 40693 40693 40793 41193 41193 41193 41193 41193 41293 41293 42193 42193 42193 42293 42293 42393 42393 42393 42393 42393 42493 42593 42698 42993 43193 4393 4393 4393 4393 4393 4393 4393 4393 4493 4493 4493 4493 4493 4493 4493 4598 4698 47 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$40042AE \$\$40053AE \$\$40053AE \$\$40053AE \$\$40057AE \$\$54005AE \$\$40007AE \$\$540072AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540077AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$540073AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$54008AE \$\$540090AE \$\$540090AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 | 450 440 600 590 330 390 740 350 450 390 400 350 350 360 350 350 350 350 360 350 350 360 350 360 350 380 360 350 380 380 380 380 400 | 450 ug/Kc 440 ug/Kc 480 ug/Kc 480 ug/Kc 76 ug/Kc 270 ug/Kc 140 ug/Kc 140 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 550 ug/Kc 550 ug/Kc 555 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 370 ug/Kc 370 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 370 ug/Kc | | V |
| 40393 40693 40693 40693 40693 40793 40893 4193 41193 4 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40053AE SS40057AE SS40057AE SS400058AE SS40007AE SS40007AE SS40007AE SS40007AE SS40007AE SS40007AE SS40007AE SS40007AE SS40009AE SS40078AE SS40078AE SS40079AE SS40079AE SS40079AE SS4008AE SS4009AE SS4009AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 | 440 600 590 330 390 500 740 350 450 350 350 350 350 350 350 350 3 | 440 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 480 ug/Kc 270 ug/Kc 270 ug/Kc 370 ug/Kc 350 ug/Kc 60 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 550 ug/Kc 550 ug/Kc 550 ug/Kc 360 ug/Kc 550 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 400 ug/Kc 440 ug/Kc | | V |
| 40693 40793 40893 40793 40893 40993 41193 41193 41193 41593 41593 41593 41793 42093 42293 42293 42293 42293 42293 42293 42393 42593 42593 42698 42993 43193 4393 43683 43793 43893 43993 44093 44993 44993 44993 45693 46893 47993 58400593 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | S\$40057AE \$\$40058AE \$\$400058AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40009AE \$\$40009AE \$\$40012AE \$\$40012AE \$\$40012AE \$\$4008AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 600 590 330 390 500 740 350 350 350 350 350 350 350 350 350 35 | 480 ug/Kc 480 ug/Kc 76 ug/Kc 76 ug/Kc 140 ug/Kc 140 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 520 ug/Kc 520 ug/Kc 550 ug/Kc 550 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 370 ug/Kc 377 ug/Kc 440 ug/Kc | | A A A A B A B A B B B B B B B B B B B B |
| 40793 40893 40893 40893 40893 410993 41193 41193 41293 41593 41693 41793 41993 42993 42193 42293 42293 42293 42393 42393 42593 42698 42993 43193 4393 4393 4393 43993 44093 44093 44893 45698 4693 4693 4693 4693 4693 4693 4693 4693 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$40058AE \$\$40004AE \$\$40007AE \$\$40077AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40007AE \$\$40008AE \$\$4008AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 | \$90 330 500 740 350 450 350 350 350 350 360 350 350 360 350 360 360 360 360 380 360 380 380 380 380 380 380 380 38 | 480 ug/Kc 76 ug/Kc 270 ug/Kc 270 ug/Kc 140 ug/Kc 60 ug/Kc 60 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 520 ug/Kc 520 ug/Kc 520 ug/Kc 550 ug/Kc 550 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 377 ug/Kc 440 ug/Kc | | A A A A B A B A B B B B B B B B B B B B |
| 40993 41193 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40072AE SS400077AE SS400071AE SS40071AE SS40073AE SS40077AE SS40009AE SS40009AE SS40078AE SS40079AE SS40079AE SS40079AE SS4008AE SS4009AE SS4009AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 | 390 500 740 350 450 390 400 350 360 350 360 350 350 380 350 380 380 380 380 380 380 380 38 | 270 ug/Kc 140 ug/Kc 740 ug/Kc 350 ug/Kc 60 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 210 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 520 ug/Kc 580 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 400 ug/Kc 440 ug/Kc | | A |
| 11193 11193 11193 111993 1 | 0 0 0 0 0 0 0 0 0 0 0 4 4 0 0 0 0 0 0 0 | | S\$40007AE \$\$40071AE \$\$40071AE \$\$40073AE \$\$4010AE \$\$40009AE \$\$40009AE \$\$40009AE \$\$40012AE \$\$40079AE \$\$40079AE \$\$40082AE \$\$40080AE \$\$40086AE \$\$40086AE \$\$40086AE \$\$40086AE \$\$40086AE \$\$40086AE \$\$40091AE \$\$40091AE \$\$400906AE \$\$400906AE \$\$400906AE \$\$400906AE \$\$400906AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 500 740 350 450 390 400 350 350 350 350 350 350 350 350 350 3 | 140 ug/Kc 740 ug/Kc 350 ug/Kc 60 ug/Kc 60 ug/Kc 390 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 550 ug/Kc 550 ug/Kc 550 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 360 ug/Kc 370 ug/Kc 440 ug/Kc | | A |
| 41293 41593 41593 41693 41693 41793 41793 41993 42093 42193 42293 42293 42393 42593 42698 42698 42698 42793 43193 | 0 | | SS40071AE SS40073AE SS40073AE SS40073AE SS40077AE SS40009AE SS40012AE SS40012AE SS40079AE SS40079AE SS40080AE SS40080AE SS40086AE SS40086AE SS40086AE SS40089AE SS40089AE SS40090AE SS40090AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 740 350 450 390 400 350 350 350 360 350 360 350 350 380 350 380 380 400 | 740 ug/Kc 350 ug/Kc 60 ug/Kc 60 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 520 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 377 ug/Kc 440 ug/Kc | | J |
| 41593 41693 41793 41793 42093 42193 42293 42393 42393 42698 42593 42698 42993 43193 43193 43193 43193 43193 4393 4393 4493 4493 4493 4493 4493 4493 45693 4698 4793 4893 4793 4893 58400693 58400693 58400693 58401293 58401293 58401293 58401293 58401293 58401293 58401293 58401293 58401293 58401293 58401293 58401293 58401393 58401393 58401393 58401393 | 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | S\$40073AE \$\$40410AE \$\$40410AE \$\$40077AE \$\$40009AE \$\$40012AE \$\$40012AE \$\$40078AE \$\$40078AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40000AE \$\$40000AE \$\$40000AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYR | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 350 450 390 400 350 350 360 350 350 350 350 350 350 380 350 350 380 380 380 400 | 350 ug/Kc 60 ug/Kc 390 ug/Kc 390 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 210 ug/Kc 210 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 550 ug/Kc 550 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 400 ug/Kc 440 ug/Kc | | V |
| #1693 #1793 #1993 #21993 #22993 #22993 #22993 #22993 #22593 #22698 #22593 #22698 #22593 #33193 #33193 #33193 #3493 #3393 #44993 #44993 #44993 #44993 #4893 #4893 #4893 #5693 #5693 #6693 # | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40410AE SS40077AE SS40009AE SS40009AE SS40012AE SS40078AE SS40079AE SS4008AE SS4008AE SS4008AE SS4008AAE SS4008AAE SS4008AAE SS4008AAE SS4008AAE SS4008AAE SS4008AAE SS4008AAE SS4008AAE SS40008AE SS40090AE SS40090AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 390 400 350 350 380 350 520 370 360 350 380 350 380 400 380 400 | 60 ug/Kc 390 ug/Kc 105 ug/Kc 350 ug/Kc 350 ug/Kc 210 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 400 ug/Kc 400 ug/Kc | | VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV |
| 11993 12093 12093 12193 12293 12393 12593 12593 12698 12993 13193 13193 13393 13493 13493 13493 13493 13493 13493 14093 14093 14093 14093 14093 14093 14093 14093 14093 14093 14093 14093 15698 15793 16893 17093 18193 18693 18793 18893 18993 18993 18993 18093 18 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$40009AE \$\$40480AE \$\$40012AE \$\$40078AE \$\$40078AE \$\$40082AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40091AE \$\$40091AE \$\$40090AE \$\$40090AE \$\$40090AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 400 350 350 380 360 350 350 370 360 350 380 380 400 380 400 | 105 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 210 ug/Kc 520 ug/Kc 58 ug/Kc 360 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 400 ug/Kc 400 ug/Kc | | V |
| 42093 42193 42193 42193 42193 42293 42293 42393 42698 42698 42698 42698 43193 43193 43193 43493 43693 43693 43993 44093 44393 44393 44693 45698 45793 46893 46893 46893 55400693 55400693 55400793 55400693 55401293 55401293 55401293 55401293 55401293 55401293 55401293 55401293 55401293 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$40480AE \$\$40012AE \$\$40078AE \$\$40078AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$40080AE \$\$400080AE \$\$400910AE \$\$40090AE \$\$40090AE \$\$40090AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 350 350 380 360 350 350 370 360 350 380 380 400 380 400 | 350 ug/Kc 350 ug/Kc 380 ug/Kc 210 ug/Kc 350 ug/Kc 520 ug/Kc 380 ug/Kc 360 ug/Kc 350 ug/Kc 350 ug/Kc 350 ug/Kc 400 ug/Kc 400 ug/Kc | | V |
| 12193 12293 12293 12293 12293 12293 12593 12698 12993 13193 13193 13393 13493 13653 13793 13893 14093 14393 14393 14393 14393 14393 145693 15793 16193 16693 16793 16893 16793 16893 16793 16893 16793 16893 16793 16893 16893 16793 16893 16893 16793 16893 16893 16793 16893 | 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40012AE SS40078AE SS40079AE SS40079AE SS40080AE SS40080AE SS40084AE SS40087AE SS40089AE SS40089AE SS40091AE SS40090AE SS40090AE SS40005AE SS40090AE SS40090AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 350 380 360 350 520 370 360 350 380 380 400 380 400 380 400 | 350 ug/Kc 380 ug/Kc 210 ug/Kc 350 ug/Kc 520 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 380 ug/Kc 400 ug/Kc 440 ug/Kc | | V |
| 12293 12393 12393 12393 12393 12593 12698 12993 13193 13193 13393 13493 13693 1399 | 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 | | SS40078AE SS40079AE SS40082AE SS40080AE SS40080AE SS40087AE SS40087AE SS40089AE SS40089AE SS40089AE SS40091AE SS40091AE SS40090AE SS40090AE SS40090AE SS40090AE SS40090AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 380 360 350 520 370 360 350 380 380 400 380 400 380 400 | 380 ug/Kc 210 ug/Kc 350 ug/Kc 520 ug/Kc 581 ug/Kc 360 ug/Kc 350 ug/Kc 350 ug/Kc 99 ug/Kc 380 ug/Kc 400 ug/Kc 440 ug/Kc | | J |
| 12593 12698 12698 12698 12698 12698 12698 126993 131 | 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | S\$40082AE \$\$40080AE \$\$40056AE \$\$4008AE \$\$40087AE \$\$40086AE \$\$40088AE \$\$40088AE \$\$40010AE \$\$40091AE \$\$40090AE \$\$40005AE \$\$40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 350 520 370 360 350 380 350 380 400 380 400 380 400 | 350 ug/Kc 520 ug/Kc 58 ug/Kc 360 ug/Kc 350 ug/Kc 350 ug/Kc 555 ug/Kc 99 ug/Kc 400 ug/Kc 440 ug/Kc | | V |
| 2698 | 0 0 0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40080AE SS40056AE SS40084AE SS40087AE SS40088AE SS40088AE SS40010AE SS40091AE SS40090AE SS40005AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 520 370 360 350 380 350 380 400 380 400 380 400 | 520 ug/Kc 58 ug/Kc 360 ug/Kc 350 ug/Kc 380 ug/Kc 350 ug/Kc 55 ug/Kc 99 ug/Kc 380 ug/Kc 400 ug/Kc 77 ug/Kc | | A V J V A A V |
| 12993 13193 13193 13393 13493 13653 13793 13893 13893 14093 14093 14393 14393 14393 14393 14393 14393 14393 14393 15693 15793 16693 16793 16893 17993 158400293 158400293 158400693 158400693 158400793 1 | 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 | | \$\$40056AE \$\$40084AE \$\$40087AE \$\$40086AE \$\$40086AE \$\$40088AE \$\$40010AE \$\$40091AE \$\$40090AE \$\$40090AE \$\$40070AE \$\$40070AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 370 360 350 380 380 380 400 380 400 380 400 | 58 ug/Kc 360 ug/Kc 350 ug/Kc 380 ug/Kc 350 ug/Kc 55 ug/Kc 99 ug/Kc 380 ug/Kc 400 ug/Kc 477 ug/Kc | | A J V A A V |
| 3193 3393 33493 3493 3693 3793 3893 3993 4093 4093 4393 4893 5693 5793 6193 6693 6793 6693 6793 5400293 55400293 55400693 55400693 55400693 55401293 55401293 55401293 55401293 55401293 55401293 55401293 | 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40084AE SS40087AE SS40086AE SS40089AE SS40089AE SS40010AE SS40091AE SS40090AE SS40090AE SS40005AE SS40009AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 360 350 380 350 380 400 380 400 380 400 | 360 ug/Kc 350 ug/Kc 380 ug/Kc 350 ug/Kc 55 ug/Kc 99 ug/Kc 380 ug/Kc 400 ug/Kc 440 ug/Kc | | V J V A V I |
| 3493 3693 3793 3893 4093 4393 44393 44393 4593 55693 5793 6693 6693 6693 6693 6693 6893 7093 58400593 58400593 58400693 58400693 58400193 58401193 58401293 58401293 58401293 58401293 58401293 | 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z | SS40086AE SS40089AE SS40088AE SS400910AE SS40091AE SS40090AE SS40005AE SS40070AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 380 350 380 400 380 400 380 440 | 380 ug/Kg 350 ug/Kg 55 ug/Kg 99 ug/Kg 380 ug/Kg 400 ug/Kg 77 ug/Kg 440 ug/Kg | U | J V A A V I A |
| 3683 | 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | SS40089AE SS40088AE SS40010AE SS40091AE SS40090AE SS40005AE SS40070AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 350 380 400 380 400 380 440 | 350 ug/Ko 55 ug/Ko 99 ug/Ko 380 ug/Ko 400 ug/Ko 77 ug/Ko 440 ug/Ko | U | V A V V A |
| 13793 13893 13993 14093 14393 14393 14893 15693 15793 16693 16793 16893 17093 17 | 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : | | SS40088AE SS40010AE SS40091AE SS40090AE SS40005AE SS40070AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 380 400 380 400 380 440 | 55 ug/Kg 99 ug/Kg 380 ug/Kg 400 ug/Kg 77 ug/Kg 440 ug/Kg | | A V I A |
| 3893 3993 4093 4093 4393 4893 5693 5793 6193 6693 6793 6893 5400293 5400593 5400693 5400693 5400193 5401293 5401293 55401293 55401293 55401593 55401693 | 0 | | SS40010AE SS40091AE SS40090AE SS40005AE SS40070AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 193-39-5 | 400 380 400 380 440 | 99 ug/Kg 380 ug/Kg 400 ug/Kg 77 ug/Kg 440 ug/Kg | | V A J |
| 4093 4393 4393 4393 5693 5793 6693 6693 6793 6893 77993 55400593 55400593 55400693 55400693 55401193 55401293 55401293 55401293 55401593 55401593 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | N N N N N | SS40090AE SS40005AE SS40070AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 193-39-5 | 400 380 440 | 400 ug/Kg 77 ug/Kg 440 ug/Kg | U U | A J |
| 4393 4893 5693 5793 6193 6693 6793 6893 77093 58400293 58400593 58400593 58400693 58400893 58401193 58401193 58401293 58401293 58401593 58401693 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | IN IN IN | S\$40005AE S\$40070AE S\$40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 193-39-5 | 380 440 | 77 ug/Kg 440 ug/Kg | J | J |
| 4893 5693 5793 68193 6693 6793 6893 77093 58400293 58400593 58400693 58400693 58401193 58401293 58401293 58401293 58401293 58401593 | 0 : 0 : 0 : | IN IN IN | SS40070AE SS40094AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 | 440 | 440 ug/Kg | l U | J |
| 15693 15793 16193 16193 16693 16793 16893 17093 158400293 158400293 158400593 158400693 158400693 158401293 158401293 158401293 158401293 158401293 158401293 158401293 | 0 : | IN IN | SS40094AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | | | | |
| 86193 86693 86793 86893 87093 85400293 85400393 85400593 85400693 85400893 85401193 85401193 85401293 85401293 85401593 | 0 : | IN | | | | | | | A |
| 16693 16793 16893 16893 17093 15400293 15400593 15400593 15400593 15400893 15400893 15401193 155401293 155401293 155401593 155401693 | | 115 | | | 193-39-5 | 500 | 410 ug/Kg | ······································ | Α |
| 6793 6893 77093 55400293 55400593 55400693 55400793 55400193 55401193 55401293 55401293 55401593 55401693 | 4 (| | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 420 | | | A |
| 6893 7093 55400293 55400393 55400593 55400693 55400693 55401193 55401193 55401293 55401393 55401593 55401693 | | | SS40141AE SS40142AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 | 330 | 360 ug/Kg 360 ug/Kg | | V |
| 7093 \$400293 \$400393 \$400393 \$400593 \$400793 \$400793 \$401193 \$401193 \$401293 \$401593 \$401593 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 370 ug/Kg | | V |
| \$400393 \$400593 \$400593 \$5400693 \$5400793 \$400893 \$401193 \$5401293 \$5401293 \$5401593 \$5401693 | ~ ~~ | | SS40145AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 370 ug/Kg | | V |
| \$400593 \$400693 \$5400693 \$5400793 \$400893 \$401193 \$5401293 \$5401393 \$401593 \$5401693 | | | SS40018AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 460 | 110 ug/Kg | | Α |
| S400693 S400793 S400893 S401193 S401193 S401293 S401593 S401593 | | | SS40019AE SS40021AE | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 | 350 340 | 210 ug/Kg 73 ug/Kg | | A |
| \$400793 \$400893 \$401193 \$401293 \$401393 \$401593 \$401693 | | *************************************** | \$\$40021AE | INDENO(1,2,3-CD)PTRENE | 193-39-5 | 360 | 360 ug/Kg | | J |
| S401193 S401293 S401393 S401593 S401693 | | | SS40023AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 380 | 42 ug/Kg | | A |
| S401293 S401393 S401593 S401693 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 460 | 61 ug/Kg | J | Α |
| \$401393 \$401593 \$401693 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 480 | 51 ug/Kg | | A |
| S401593 S401693 | | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 | 360 470 | 360 ug/Kg 470 ug/Kg | | V |
| | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 430 | 270 ug/Kg | | A |
| S401893 | 0 : | IN | SS40032AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 360 | 90 ug/Kg | J | Α |
| | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 380 | 140 ug/Kg | J | Α |
| S402393 S402593 | | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 | 380 440 | | | A V |
| S402793 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 370 | 340 ug/Kg | | A |
| S402893 | 0 2 | IN | SS40044AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 350 | 150 ug/Kg | J | Α |
| S402993 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 340 | 340 ug/Kg | | V |
| S403093 S403193 | | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 | 700 460 | 110 ug/Kg 460 ug/Kg | | V |
| | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 440 | 87 ug/Kg | | A |
| S403393 | 0 : | IN | SS40049AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 630 | 630 ug/Kg | U | V |
| S403493 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 420 | 420 ug/Kg | | V |
| S403593 S403693 | | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 1193-39-5 1193-39-5 | 390 390 | 390 ug/Kg 150 ug/Kg | | A |
| S810893 | | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 | 390 | 150;ug/Kg 150;ug/Kg | | A |
| \$811193 | 0) : | IN | SSG0105JE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 220 ug/Kg | iJ | Α |
| S811493 | 0 3 | | SSG0108JE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 820 ug/Kg | | ٧ |
| 5093 | | | | ISOPHORONE | 78-59-1 | 360 | 360 ug/Kg | | Z |
| 5193 5393 | | | | ISOPHORONE | 78-59-1 78-59-1 | 380 360 | 380 ug/Kg 360 ug/Kg | | V Z |
| 0093 | | | | ISOPHORONE | 78-59-1 | 480 | 480 ug/Kg | U | V |
| 0293 | Ψ ₁ 4 | | | ISOPHORONE | 78-59-1 | 450 | | IU | V |
| | | | | | | | | | |

| <u>', '</u> | | | | Table A.2 - Solar I | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - Or | ganics | |
|---------------------------|--------|------------------------------|-------|--|--|--------------------|----------------|--------------------------------|--|
| | | | | | | | | | 87.500 |
| LOCATION | | | | SAMPLE NUMBER | ANALYTE | CAS NO. | DETECTION | RESULT UNITS QUALIFIER | VALIDATION |
| 40393 | 0 | 4 5.280 t Table (many 40000) | | the sea and appropriate the second se | | 78-59-1 | 440 | | V |
| 40693 | Ö | | | | ISOPHORONE | 78-59-1 | 600 | | † v |
| 40793 | 0 | 2 | | | ISOPHORONE | 78-59-1 | 590 | | V |
| 40893 | 0 | | | | | 78-59-1 | 330 | | V |
| 40993 | 0 | | | | | 78-59-1 | 390 | | V |
| 41193 | 0 | | | | | 78-59-1 | 500 | 500 ug/Kg U |] V |
| 41293 41593 | 0 | | | | | 78-59-1 78-59-1 | 740 350 | 740 ug/Kg U | V |
| 41693 | ō | | | | | 78-59-1 | 450 | 350 ug/Kg U 450 ug/Kg U | iV |
| 41793 | 0 | | | | | 78-59-1 | 390 | 390 ug/Kg :U | - |
| 41993 | O | 2 | IN | | | 78-59-1 | 400 | 400 ug/Kg U | |
| 42093 | 0 | | | | | 78-59-1 | 350 | 350 ug/Kg U | V |
| 42193 | 4 | | | | | 78-59-1 | 350 | 350 ug/Kg U | †V |
| 42293 | 0 | | | | | 78-59-1 | 380 | | J |
| 42393 42593 | 0 4 | | | | | 78-59-1 | 360 | 360 ug/Kg U | IV. |
| 42693 | 0 | | | | | 78-59-1 78-59-1 | 350 520 | 350 ug/Kg U 520 ug/Kg U | J |
| 42993 | 0 | | - | | | 78-59-1 | 370 | 370 ug/Kg U | l v |
| 43193 | ō | | | | | 78-59-1 | 360 | 360 ug/Kg U | |
| 43393 | 4 | 6 | | | | 78-59-1 | 350 | 350 ug/Kg U | V |
| 43493 | 0 | | | | | 78-59-1 | 380 | 380 ug/Kg U | J |
| 43693 | 4 | | | | | 78-59-1 | 350 | 350 ug/Kg U | V |
| 43793 | 0 | | | | | 78-59-1 | 380 | 380 ug/Kg U | V |
| 43893 43993 | 0 | | | | | 78-59-1 | 400 | 400 ug/Kg U | V |
| 44093 | 0 | | | | | 78-59-1 78-59-1 | 380 | 380 ug/Kg U | V |
| 44393 | 0 | | | | | 78-59-1 78-59-1 | 400 380 | 400 ug/Kg U 380 ug/Kg U | V |
| 44893 | 0 | | | | | 78-59-1 | 440 | 440 ug/Kg U | V |
| 45693 | 0 | | | | | 78-59-1 | 480 | | IV |
| 45793 | 0 | | | | SOPHORONE | 78-59-1 | 500 | 500 ug/Kg U | V |
| 461,93 | 0 | | | | | 78-59-1 | 420 | 420 ug/Kg U | V |
| 46693 | 4 | | | | | 78-59-1 | 330 | 360 ug/Kg U | IV |
| 46793 46893 | 4 | | | | | 78-59-1 | 330 | 360/ug/Kg U | V |
| 47093 | 4 | | | | | 78-59-1 78-59-1 | 330 | 370 ug/Kg U | V |
| SS400293 | 0 | | | | | 78-59-1 78-59-1 | 330 460 | 370 ug/Kg U 460 ug/Kg U | V |
| SS400393 | 0 | | | | | 78-59-1 | 350 | 350 ug/Kg U | V |
| \$\$400593 | 0 | | | | | 78-59-1 | 340 | 340 ug/Kg U | v |
| SS400693 | 0 | | | | | 78-59-1 | 360 | 360 ug/Kg U | l v |
| S\$400793 | 0 | | | | SOPHORONE | 78-59-1 | 380 | 380 ug/Kg U | V |
| SS400893 | 0 | | | | | 78-59-1 | 460 | 460 ug/Kg U | V |
| SS401193 | 0 | | | | | 78-59-1 | 480 | 480 ug/Kg U | V |
| SS401293 SS401393 | 0 | | | | | 78-59-1 | 360 | 360 ug/Kg U | V |
| SS401593 | 0 | | | | | 78-59-1 78-59-1 | 470 430 | 470 ug/Kg U 430 ug/Kg U | V |
| SS4Q1693 | 0 | ····· | | | | 78-59-1 | 360 | 360 ug/Kg U | v |
| SS401893 | 0 | | | | | 78-59-1 | 380 | 380 ug/Kg U | v |
| SS402393 | 0 | 2 | IN S | | | 78-59-1 | 380 | 380 ug/Kg U | V |
| SS402593 | 0 | | | | | 78-59-1 | 440 | | V |
| SS402793 | 0 | | | | | 78-59-1 | 370 | 370 ug/Kg U | V |
| SS402893 | 0 | | | | | 78-59-1 | 350 | 350 ug/Kg U | V |
| \$\$4,02993 \$\$403093 | 0 | | | | | 78-59-1 | 340 | | V . |
| SS403093 SS403193 | 0 | | | | | 78-59-1 78-59-1 | 700 460 | | V |
| SS403293 | 0 | | | | | 78-59-1 | 440 | | V |
| SS403393 | 0 | | | | | 78-59-1 | 630 | | v |
| S\$403493 | 0 | | IN S | SS40050AE | SOPHORONE | 78-59-1 | 420 | | V |
| SS403593 | 0 | | | | | 78-59-1 | 390 | 390 ug/Kg U | V |
| SS403693 | 0 | | | | | 78-59-1 | 390 | | V |
| SS810893 SS811193 | 0 | | | | | 78-59-1 | 330 | | V |
| SS811493 | 0 | | | | | 78-59-1 78-59-1 | 330 330 | | V V |
| 05193 | 0 | | | | | 78-59-1 72-43-5 | 90 | | V |
| 05393 | 0 | | | | | 72-43-5 | 87 | | Z |
| 40093 | 0 | | | | | 72-43-5 | 110 | | v |
| 402 0 3 | 0 | | | | METHOXYCHLOR | 72-43-5 | 110 | 110 ug/Kg U | V |
| 40393 | 0 | | | | | 72-43-5 | 110 | | V |
| 40693 | 0 | | | | | 72-43-5 | 140 | | V |
| 40793 40893 | 0 | | | | | 72-43-5 | 140 | | <u>v</u> |
| 40893 | 0 | | | | | 72-43-5 72-43-5 | 80 94 | | V V |
| 41193 | 0 | | | | | 72-43-5 72-43-5 | 120 | | V |
| 41293 | 0 | | | | | 72-43-5 | 180 | | v |
| 41593 | 4 | | | | | 72-43-5 | 84 | | · |
| 41693 | 0 | 2 | IN is | | | 72-43-5 | 110 | 110 ug/Kg U | V |
| 41793 | 0 | | | | METHOXYCHLOR | 72-43-5 | 93 | 93 ug/Kg U | V |
| | | 2 | IN S | S40009AE N | METHOXYCHLOR | 72-43-5 | 95 | 95 ug/Kg U | V |
| 41993 42093 | 0 | | | | ······································ | 72-43-5 | 83 | | v |

| Table A.2 - Solar | Evaporation Ponds AOC - A | nalytical Results for S | Surface Soils - Organics |
|-------------------|---------------------------|-------------------------|--------------------------|
| | | | |

| 831 YA | IS 12 | W-5 - 12 | Merry | 3 (NO. 1997) | evaporation Folius ACC - Analytical Nes | | 1400 Y 16 | Service Design | 39900 | 100 |
|----------------------|--------|-------------|-------|--|---|--------------------|------------|--|------------|---------------|
| LOCATION | | | 1 | | | n 💥 | DETECTION | | LAB RESULT | VALIDATION |
| CODE | START | | | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | RESULT UNITS | | QUALIFIER |
| 42193 | 4 | | | | METHOXYCHLOR | 72-43-5 | 83 | | | J |
| 42393 42693 | 0 | | | | | 72-43-5 72-43-5 | 130 | | | V |
| 42993 | . 0 | | | | | 72-43-5 | 89 | | | V |
| 43393 | 4 | | | | | 72-43-5 | 84 | | | V |
| 43693 | . 4 | | | | | 72-43-5 | 84 | ······································ | | V |
| 43793 | 0 | | | | | 72-43-5 | 91 | | | V |
| 43893 | 0 | | | | | 72-43-5 | 96 | | | V |
| 43993 | 0 | | | | | 72-43-5 | 92 | | | V |
| 44093 | 0 | | | | | 72-43-5 | 96 | | | V |
| 44393 | 0 | | | | | 72-43-5 72-43-5 | 90 | | | V |
| 45693 | 0 | | | | | 72-43-5 | 110 | | | v |
| 45793 | 0 | | | | METHOXYCHLOR | 72-43-5 | 120 | | | v |
| 46193 | 0 | | | | | 72-43-5 | 100 | | | V |
| 46693 | 4 | 6 | IN | \$\$40141AE | METHOXYCHLOR | 72-43-5 | 80 | 87 ug/Kg | | V |
| 46793 | 4 | | | | | 72-43-5 | 80 | | | V |
| 46893 | 4 | | | | | 72-43-5 | 80 | | | V |
| 47093 | 0 | | | | | 72-43-5 | 80 | | | ٧ |
| SS400293 | 0 | | | | | 72-43-5 | 110 | | | V |
| SS400393 SS400593 | 0 | | | | | 72-43-5 72-43-5 | 83 | | | V V |
| SS400593 | 0 | | | | | 72-43-5 | 87 | | | V |
| SS400793 | 0 | | | | | 72-43-5 | 91 | | | * |
| SS400893 | 0 | | | | | 72-43-5 | 110 | | | v · |
| SS401193 | Ō | 2 | IN | | | 72-43-5 | 120 | | | V |
| SS401293 | 0 | | IN | \$\$40028AE | METHOXYCHLOR | 72-43-5 | 87 | 87 ug/Kg | U | V |
| SS401393 | 0 | | | | | 72-43-5 | 110 | | | V |
| SS401593 | 0 | | | | | 72-43-5 | 100 | | | V |
| SS401693 | 0 | | | | | 72-43-5 | 85 | | | V |
| SS401893 SS402393 | 0 | | | | | 72-43-5 | 90 | | | V |
| SS402593 SS402593 | 0 | | | | | 72-43-5 72-43-5 | 92 110 | | | V V |
| SS402793 | 0 | | | | | 72-43-5 | 88 | | | V |
| SS402893 | 0 | | | | | 72-43-5 | 85 | | | v |
| S\$402993 | 0 | | | | | 72-43-5 | 82 | | | · v |
| SS403093 | 0 | | | | | 72-43-5 | 170 | | | V |
| SS403193 | 0 | 2 | IN | SS40047AE | METHOXYCHLOR | 72-43-5 | 110 | 110 ug/Kg | U | V |
| SS403293 | 0 | | | | | 72-43-5 | 110 | | | V |
| SS403393 | 0 | | | | | 72-43-5 | 150 | | | V |
| SS403493 | 0 | | | | | 72-43-5 | 100 | | | V |
| SS403593 SS403693 | 0 | | | | | 72-43-5 | 94 | | | V |
| SS606292 | 0 | | | | | 72-43-5 72-43-5 | 94 80 | | | v V |
| SS620292 | 0 | | | | | 72-43-5 | 80 | | 11 | v |
| P208989 | 0 | | | | | 75-09-2 | 6 | | | Ä |
| 05093 | 0 | | | | | 91-20-3 | 360 | | | Z |
| 05193 | 0 | 2 | IN | SS00003AE | | 91-20-3 | 380 | | | V |
| 05393 | 0 | | | | | 91-20-3 | 360 | | U | Z. |
| 40093 | 0 | | | | | 91-20-3 | 480 | | | V |
| 40293 | 0 | | | | | 91-20-3 | 450 | | | V |
| 40393 | 0 | | | AND DESCRIPTION OF THE PROPERTY OF THE PROPERT | | 91-20-3 | 440 | | | V . |
| 40693 40793 | 0 | <u> </u> | | | | 91-20-3 91-20-3 | 600 590 | | | <u>v</u> V |
| 40893 | 0 | | | | | 91-20-3 | 330 | | | v V |
| 40993 | 0 | | | | | 91-20-3 | 390 | | | V |
| 41193 | 0 | | | | | 91-20-3 | 500 | | | v v |
| 41293 | ō | | | | | 91-20-3 | 740 | | | v v |
| 41593 | 4 | 6 | IN | SS40073AE | NAPHTHALENE | 91-20-3 | 350 | 350 ug/Kg | U | V |
| 41693 | 0 | | | | NAPHTHALENE | 91-20-3 | 450 | 450 ug/Kg | U | V |
| 41793 | 0 | | | | | 91-20-3 | . 390 | | | |
| 41993 | 0 | | | | | 91-20-3 | 400 | | | |
| 42093 | 0 | | | | | 91-20-3 | 350 | | | v . |
| 42193 42293 | 4 0 | | | | | 91-20-3 91-20-3 | 350 380 | | | <u> </u> |
| 42393 | 0 | | | | | 91-20-3 | 360 | | | V V |
| 42593. | 4 | | | | | 91-20-3 | 350 | | | v |
| 42693 | 0 | | | | | 91-20-3 | 520 | 520 ug/Kg | | j |
| 42993 | 0 | | IN I | SS40056AE | | 91-20-3 | 370 | | | v |
| 43193 | 0 | | | | NAPHTHALENE | 91-20-3 | 360 | 360 ug/Kg | U | |
| 43393 | 4 | | | | | 91-20-3 | 350 | | | V |
| 43493 | 0 | | | | | 91-20-3 | 380 | | | j |
| 43693 | 4 | | | | | 91-20-3 | 350 | 37 ug/Kg | | <u> </u> |
| 43793 43893 | 0 | | | | | 91-20-3 | 380 | | | <u>V</u> |
| 43893 | 0 | 2 | | | | 91-20-3 91-20-3 | 400 380 | 400 ug/Kg 380 ug/Kg | | V V |
| 44093 | 0 | | | | | 91-20-3 | 400 | 400 ug/Kg | | · |
| 44393 | 0 | | | | | 91-20-3 | 380 | | | v |
| | | | | | | | 300 | Socialization of | | - |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics DEPTH LOCATION DEPTH DETECTION LAB RESULT VALIDATION CODE SAMPLE NUMBER START END. UNIT ANALYTE CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER 44893 Õ 2 IN SS40070AF NAPHTHALENE 91-20-3 440 ug/Kg (U 45693 SS40094AF 0 2 IN NAPHTHALENE 91-20-3 480 480;ug/Kg [U 45793 0 2 IN SS40015AE NAPHTHALENE 91-20-3 500 69 ug/Kg | J SS40096AF 46193 0 2IIN NAPHTHALENE 91-20-3 420 420 ug/Kg | U īv 46693 ISS40141AE NAPHTHALENE 4 6: IN 91-20-3 330 360 ug/Kg | U īV 46793 6! IN SS40142AF NAPHTHALENE 4 91-20-3 330 360 ug/Kg | U V 46893 SS40143AE NAPHTHALENE 6! IN 191-20-3 330 370 ug/Kg | U īV 47093 SS40145AE 1 IN NAPHTHALENE 0 91-20-3 330 370 ug/Kg | U V 2 IN SS40018AE NAPHTHALENE ISS400293 460 91-20-3 460 ug/Kg | U V 2|IN SS400393 SS40019AE NAPHTHALENE 191-20-3 350 350|ug/Kg | U V \$\$400593 SS40021AE NAPHTHALENE 91-20-3 340 340 ug/Kg | U V SS40022AE SS400693 NAPHTHALENE 91-20-3 360 360 ug/Kg U V SS400793 ISS40023AE NAPHTHALENE 0 2 IN 91-20-3 380 380 ug/Kg | U V SS40024AE SS400893 2 IN NAPHTHALENE 91-20-3 460 460 ug/Kg ∤U V 2 IN SS401193 SS40027AE ō NAPHTHALENE 91-20-3 480 480 ug/Kg | U V SS401293 0 2 IN SS40028AE NAPHTHALENE 360 360 ug/Kg | U V SS401393 0 2 IN SS40029AE NAPHTHALENE 91-20-3 470 470 ug/Kg U ĪV SS401593 O 2iIN SS40031AE NAPHTHALENE 91-20-3 430 ug/Kg | U SS401693 n 2 IN SS40032AF NAPHTHALENE 360 91-20-3 360 ug/Kg | U SS461893 O 2! IN SS40034AE NAPHTHALENE 380 91-20-3 380 ug/Kg | U SS402393 0 2 IN SS40039AF NAPHTHALENE 380 91-20-3 380 ug/Kg | U V SS402593 C 21 IN SS40041AF NAPHTHALENE 91-20-3 440 440 ug/Kg | U SS402793 0 2 IN SS40043AE NAPHTHALENE 91-20-3 370 370 ug/Kg U SS402893 SS40044AF 0 2 IN NAPHTHALENE 91-20-3 350 350 ug/Kg ; U SS402993 SS40045AF 340 ug/Kg | U 0 2 IN NAPHTHALENE 91-20-3 340 SS403093 ō SS40046AF 21IN NAPHTHALENE 91-20-3 700 700 ug/Kg | U S\$403193 0 2 IN SS40047AE NAPHTHALENE 91-20-3 460 460 ug/Kg | U v SS403293 2 IN ō SS40048AE NAPHTHALENE 91-20-3 440 440 ug/Kg U V SS403393 SS40049AE 2 IN NAPHTHALENE 91-20-3 630 630 ug/Kg | U V ō 2 IN S\$40050AE NAPHTHALENE 191-20-3 420 420 ug/Kg | U īv SS403593 O SS40051AF NAPHTHALENE 191-20-3 390 390 ug/Kg | U v SS403693 Õ SS40052AE NAPHTHALENE 191-20-3 390 390 ug/Kg | U IV SS810893 SSG0102JE NAPHTHALENE 91-20-3 330 340 ug/Kg U īV SS811193 0 3 IN SSG0105JE NAPHTHALENE 91-20-3 330 350 ug/Kg | U SS811493 0 SSG0108JE NAPHTHALENE 3|IN 91-20-3 330 190 ug/Kg | J İΑ 05093 0 2 IN SS00002AE NITROBENZENE 98-95-3 360 360 ug/Kg | U 05193 0 2 IN SS00003AE NITROBENZENE 98-95-3 380 ug/Kg | U 380 05393 Õ 2 IN SS00005AE NITROBENZENE 360 360 ug/Kg | U 40093 0 2IIN SS40060AE NITROBENZENE 480 480 ug/Kg | U 140293 0 2IIN SS40042AE NITROBENZENE 98-95-3 450 450 ug/Kg U 40393 0 2 IN SS40053AE NITROBENZENE 98-95-3 440 ug/Kg | U 40693 0 2 IN SS40057AE NITROBENZENE 98-95-3 600 600 ug/Kg | U V 0 40793 2 IN ISS40058AF NITROBENZENE 98-95-3 590 590 ug/Kg | U 40893 0 2 IN ISS40004AF NITROBENZENE 98-95-3 330 400 ug/Kg |U 40993 0 2: IN ISS40072AF NITROBENZENE 98-95-3 390 390 ug/Kg | U 41193 ISS40007AE 0 2 IN NITROBENZENE 98-95-3 500 500 ug/Kg U V 41293 0 2 IN SS40071AE NITROBENZENE 98-95-3 740 740 ug/Kg | U 41593 SS40073AE 6 IN NITROBENZENE 4 98-95-3 350 350 ug/Kg U īV 41693 0 SS40410AE 2 IN NITROBENZENE 198-95-3 450 450 ug/Kg | U V 41793 41993 0 2 IN SS40077AE NITROBENZENE 98-95-3 390 390 ug/Kg | U 2 IN SS40009AE NITROBENZENE 98-95-3 400 400 ug/Kg U 42093 ō SS40480AE NITROBENZENE 198-95-3 V 350 350 ug/Kg | U SS40012AE 42198 NITROBENZENE 98-95-3 350 350 ug/Kg | U V SS40078AE 42293 0 NITROBENZENE 198-95-3 380 380)ug/Kg | U J 42393 0 2 IN SS40079AE NITROBENZENE 198-95-3 360 360 ug/Kg | U 42593 SS40082AE **NITROBENZENE** 98-95-3 350 350|ug/Kg |U V 42693 0 2 IN SS40080AE NITROBENZENE 98-95-3 520 520 ug/Kg | U IJ 42993 SS40056AE NITROBENZENE 2 IN 98-95-3 370 370 ug/Kg | U V 43193 0 2 IN SS40084AF NITROBENZENE 98-95-3 360 360 ug/Kg | U 43393 4 6 IN SS40087AE NITROBENZENE 98-95-3 350 350 ug/Kg | U V 43493 0 2 IN SS40086AF NITROBENZENE 98-95-3 380 380 ug/Kg | U 43693 4 6IN SS40089AE NITROBENZENE 98-95-3 350 350 ug/Kg | U 43793 0 2 IN SS40088AE NITROBENZENE 98-95-3 380 380 ug/Kg | U 43893 0 2 IN SS40010AF NITROBENZENE 98-95-3 400 400 ug/Kg | U 0 43993 2:IN SS40091AF NITROBENZENE 98-95-3 380 380 ug/Kg U V 44093 0 2 IN SS40090AE NITROBENZENE 98-95-3 400 400 ug/Kg | U 44393 ō SS40005AF 21IN NITROBENZENE 98-95-3 380 380 ug/Kg | U V 44893 0 ISS40070AE 2! IN NITROBENZENE 98-95-3 440 440 ug/Kg | U 45693 0 2 IN ISS40094AF NITROBENZENE 198-95-3 480 480 ug/Kg U V 45793 0; 2 IN SS40015AE NITROBENZENE 198-95-3 500 500 ug/Kg U 0 SS40096AE NITROBENZENE 98-95-3 420 420 ug/Kg | U V 46693 SS40141AE NITROBENZENE 98-95-3 330 360 ug/Kg | U V 46793 SS40142AE NITROBENZENE 198-95-3 330 360 ug/Kg | U V 46893 4 6 IN SS40143AE NITROBENZENE 98-95-3 330 370 ug/Kg | U V 47093 0 SS40145AE NITROBENZENE 98-95-3 330 370 ug/Kg | U IV SS400293 0 SS40018AE NITROBENZENE 2|IN 98-95-3 460 V 460 ug/Kg |U SS400393 0 2 IN SS40019AE NITROBENZENE 98-95-3 350 350 ug/Kg | U SS400593 2 IN SS40021AE NITROBENZENE 98-95-3 340 340 ug/Kg |U

| | . 5 . 3 | a 'g- | 1. 45 | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | uits for Sur | race Solis - Ol | rganics | | |
|------------------------|---------|--|-------------|------------------------|--|----------------------|--------------------|--------------------------|---|---------------|
| LOCATION CODE | START | | | SAMPLE NUMBER | ANALYTE | CAS NO. | DETECTION LIMIT | RESULT UNITS | | QUALIFIER |
| SS400693 SS400793 | 0 | | | | | 98-95-3 98-95-3 | 360 | | | V |
| SS400893 | ō | | | | | 98-95-3 | 460 | | | v |
| SS401193 | 0 | | | | | 98-95-3 | 480 | | | V |
| SS401293 SS401393 | 0 | | | | | 98-95-3 98-95-3 | 360 | | | V V |
| SS401593 | 0 | | | SS40031AE | | 98-95-3 | 430 | | | V |
| SS401693 | 0 | | | | | 98-95-3 | 360 | | | ٧ |
| SS401893 SS402393 | 0 | | | | | 98-95-3 98-95-3 | 380 | | | V |
| SS402593 | 0 | | | | | 98-95-3 | 440 | | | V |
| SS402793 | 0 | | | | | 98-95-3 | 370 | 370 ug/Kg | U | ٧ |
| SS402893 SS402993 | 0 | | | | | 98-95-3 | 350 | | | V |
| SS402993 | 0 | | | | | 98-95-3 98-95-3 | 940 700 | | | V V |
| SS403193 | Ö | | | | | 98-95-3 | 460 | | | V |
| SS403293 | 0 | | | | | 98-95-3 | 440 | | | V |
| SS403393 SS403493 | 0 | | | | | 98-95-3 98-95-3 | 630 420 | | | V V |
| SS403593 | 0 | | | | | 98-95-3 | 390 | | | V |
| SS403693 | 0 | 2 | IN | SS40052AE | NITROBENZENE j | 98-95-3 | 390 | 390 ug/Kg | U | V |
| SS810893 | 0 | | | | | 98-95-3 | 330 | | | V |
| SS811193 SS811493 | 0 | | | | | 98-95-3 98-95-3 | 330 | | | V V |
| 05093 | 0 | | | | <u>.</u> | 621-64-7 | 360 | | | Z |
| 05193 | 0 | | | | | 621-64-7 | 380 | 380 ug/Kg | U | ٧ |
| 05393 40093 | 0 | | | | | 621-64-7 | 360 | | | Z V |
| 40093 | 0 | | | | | 621-64-7 621-64-7 | 480 450 | | | V |
| 40393 | 0 | | | SS40053AE | | 621-64-7 | 440 | | | |
| 40693 | 0 | | | | | 621-64-7 | 600 | | | V |
| 40793 40893 | 0 | | | SS40058AE SS40004AE | | 621-64-7 621-64-7 | 590 | | | V |
| 40993 | 0 | | | | | 621-64-7 | 390 | | | V |
| 41193 | 0 | 2 | IN | SS40007AE | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 500 | 500 ug/Kg | U | V |
| 41293 | 0 | | | | | 621-64-7 | 740 | | | V |
| 41593 41693 | 4 0 | | | | | 621-64-7 621-64-7 | 350 450 | | | <u>v</u> v |
| 41793 | 0 | | | | | 621-64-7 | 390 | | | · |
| 41993 | 0 | | | | | 621-64-7 | 400 | | | |
| 42093 42193 | 0 | | | | | 621-64-7 621-64-7 | 350 350 | | | v v |
| 12293 | 0 | | | | | 621-64-7 | 380 | | | J |
| 42393 | 0 | | | | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 360 | 360 ug/Kg | U | V |
| 42593 | 4 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | 621-64-7 | 350 | | | <u>v</u> |
| 42693 42993 | 0 | | | | | 621-64-7 621-64-7 | 520 370 | | | Λ 1 |
| 43,193 | 0 | | | | | 621-64-7 | 360 | | | ·*···· |
| 43393 | 4 | | | | | 621-64-7 | 350 | 350 ug/Kg | | V |
| 43493 43693 | 0 | | | | | 621-64-7 621-64-7 | 380 350 | 380 ug/Kg 350 ug/Kg | | A A |
| 43793 | 0 | | | | | 621-64-7 | 380 | | | v |
| 13893 | 0 | 2 | IN | | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 400 | 400 ug/Kg | U | V |
| 43993 44093 | 0 | | | | | 621-64-7 | 380 | | | V |
| 14393 14393 | 0 | | | | | 621-64-7 621-64-7 | 400 380 | | | v |
| 14893 | 0 | 2 | IN | SS40070AE | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 440 | 440 ug/Kg | U | V |
| 45693 45703 | 0 | | | | | 621-64-7 | 480 | 480 ug/Kg | | V |
| 15793 16193 | 0 | | | | | 621-64-7 621-64-7 | 500 420 | 500 ug/Kg 1 420 ug/Kg | | v v |
| 16693 | 4; | | | | | 621-64-7 | 330 | 360 ug/Kg ; | | <u>v</u> |
| 16793 | 4 | 6 | IN | SS40142AE | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 330 | 360 ug/Kg | U | V |
| 16893 17093 | 4 | | | | | 621-64-7 | 330 | | | V |
| SS400293 | 0 | | | | | 621-64-7 621-64-7 | 330 460 | 370 ug/Kg 460 ug/Kg | | v V |
| SS400393 · | 0 | 2 | IN | SS40019AE | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 350 | 350 ug/Kg | U | V |
| S\$400593 | 0 | | | | | 621-64-7 | 340 | | | <u>V</u> |
| SS400693 SS400793 | 0 | | | | ······································ | 621-64-7 621-64-7 | 360 380 | | | v v |
| SS400793 | 0 | | | | | 621-64-7 | 460 | 460 ug/Kg | | <u>v</u> |
| S\$401193 | 0, | 2 | IN | SS40027AE | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 480 | 480 ug/Kg | U | V |
| SS401293 SS401393 | 0; 0 | | | | | 621-64-7 | 360 470 | 360 ug/Kg | | V |
| SS401593 | 0 | | | | | 621-64-7 621-64-7 | 470 430 | 470 ug/Kg 430 ug/Kg | | <u>v</u> |
| S\$401693 | 0 | 2 | | | | 621-64-7 | 360 | 360 ug/Kg | | v |
| SS401893 | 0 | 2 | | | N-NITROSODI-N-PROPYLAMINE | 621-64-7 | 380 | 380 ug/Kg | U | V |
| S402393 | 0 | 2 | | SS40039AE | N-NITROSODI-N-PROPYLAMINE | 621 -64- 7 | 380 | 380 ug/Kg | | V |

| LOCATION | | DEPTH | | Table A.2 - Solar | | | | DETECTION | 25.0 | 1 | LAB RESULT | |
|----------------------|---------|-------|------|--|------------|--------------------------------------|----------------------|------------|---------------|------------------|--------------|---------------|
| CODE 55402793 | START | | | SAMPLE NUMBER | N-NITROSO | ANALYTE DI-N-PROPYLAMINE | CAS NO. | 370 | RESULT 370 | UNITS Jug/Kg | | QUALIFIER |
| S\$402893 | 0 | | | | | DI-N-PROPYLAMINE | 621-64-7 | 350 | 350 | ug/Kg | Ū | įν |
| S402993 S403093 | 0 | | | | | DI-N-PROPYLAMINE DI-N-PROPYLAMINE | 621-64-7 | 340 | | lug/Kg lug/Kg | | IV IV |
| S403193 | 0 | | | | | DI-N-PROPYLAMINE | 621-64-7 | 460 | | ug/Kg | | V |
| S403293 | 0 | | | | | DI-N-PROPYLAMINE | 621-64-7 | 440 | | lug/Kg | | !V |
| S403393 S403493 | 0 | | | | | DI-N-PROPYLAMINE DI-N-PROPYLAMINE | 621-64-7 621-64-7 | 630 420 | | ug/Kg ug/Kg | | V |
| S403593 | 0 | | | | | DI-N-PROPYLAMINE | 621-64-7 | 390 | | ug/Kg | | \V |
| S403693 | 0 | | | | | DI-N-PROPYLAMINE | 621-64-7 | 390 | 390 | ug/Kg | U | iV |
| S810893 | 0 | | | | | DI-N-PROPYLAMINE DI-N-PROPYLAMINE | 621-64-7 | 330 | | lug/Kg | | [V |
| SS811193 SS811493 | 0 | | | ······································ | | DI-N-PROPYLAMINE | 621-64-7 | 330 330 | | lug/Kg lug/Kg | <u></u> | IV IV |
| 5093 . | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 360 | | ug/Kg | | Z |
| 5193 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 380 | | ug/Kg | | V |
| 5393 0093 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 360 480 | | lug/Kg lug/Kg | | Z V |
| 0293 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 450 | | ug/Kg | | iv IV |
| 0393 | 0 | 2 | IN | | | DIPHENYLAMINE | 86-30-6 | 440 | 440 | ug/Kg | U | V |
| 0693 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 600 | | ug/Kg | | V |
| 0793 0893 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 590 330 | | ug/Kg ug/Kg | | V |
| 0993 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 390 | | ug/Kg | | V |
| 1193 | 0 | | IN | \$\$40007AE | N-NITROSO | DIPHENYLAMINE | 86-30-6 | 500 | 500 | ug/Kg | υ | V |
| 1293 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 740 | | ug/Kg | | V |
| 1593 1693 | 4 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 350 450 | | ug/Kg ug/Kg | | V |
| 1793 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 390 | | ug/Kg | | <u>v</u> |
| 1993 | 0 | | | | | DIPHENYLAMINE (| 86-30-6 | 400 | 400 | ug/Kg | U | |
| 2093 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 350 | | ug/Kg | | IV |
| 2193 2293 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 350 380 | | ug/Kg ug/Kg | | J |
| 2393 | O | | | | | DIPHENYLAMINE | 86-30-6 | 360 | | ug/Kg | | V |
| 2593 | 4 | | | | | DIPHENYLAMINE | 86-30-6 | 350 | 350 | ug/Kg | U | V |
| 2693 2993 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 | 520 | | ug/Kg | | J |
| 3193 | 0 | | | | | DIPHENYLAMINE | 86-30-6 86-30-6 | 370 360 | | ug/Kg ug/Kg | | V |
| 3393 | 4 | | IN : | SS40087AE | | DIPHENYLAMINE | 86-30-6 | 350 | | ug/Kg | | V |
| 3493 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 380 | | ug/Kg | | J |
| 3693 3793 | 4 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 350 380 | | ug/Kg ug/Kg | | V |
| 3893 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 400 | | ug/Kg | | v |
| 3993 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 380 | | ug/Kg | | V |
| 4093 4393 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 400 | | ug/Kg | | |
| 4893 | 0 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 380 440 | | ug/Kg ug/Kg | | V V |
| 5693 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 480 | | ug/Kg | | · |
| 5793 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 500 | 500 | ug/Kg | U | V |
| 6193 6693 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 420 330 | | ug/Kg | | V |
| 6793 | 4 | | | | | DIPHENYLAMINE | 86-30-6 | 330 | | ug/Kg ug/Kg | | V |
| 6893 | 4 | 6 | IN . | | | DIPHENYLAMINE | 86-30-6 | 330 | | ug/Kg | | · v |
| 7093 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 330 | | ug/Kg | - | V |
| S400293 S400393 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 460 350 | | ug/Kg ug/Kg | | V V |
| S400593 | O | | | | | DIPHENYLAMINE | 86-30-6 | 340 | | ug/Kg | | v |
| S400693 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 360 | 360 | ug/Kg | Ü | ٧ |
| S400793 S400893 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 | 380 | | ug/Kg | | V |
| S401193 | 0 | | | | | DIPHENYLAMINE | 86-30-6 86-30-6 | 460 480 | | ug/Kg ug/Kg | | V V |
| \$401293 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 360 | | ug/Kg | | v |
| 5401393 | 0 | | | | | DIPHENYLAMINE | 86-30-6 | 470 | 470 | ug/Kg | U | V |
| S401593 S401693 | 0 | | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 430 360 | | ug/Kg | | <u>v</u> v |
| 5401893 | 0 | 2 | | | | DIPHENYLAMINE | 86-30-6 | 380 | | ug/Kg ug/Kg | | V V |
| \$402393 | 0] | 2 | IN I | SS40039AE | N-NITROSOI | DIPHENYLAMINE | 86-30-6 | 380 | | ug/Kg | | v . |
| S402593 S402793 | 0, | 2 | | | | DIPHENYLAMINE | 86-30-6 | 440 | | ug/Kg | | V |
| 5402793 5402893 | 0 | 2 | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 370 350 | | ug/Kg ug/Kg | | v V |
| \$402993 | 0 | 2 | | | | DIPHENYLAMINE | 86-30-6 | 340 | | ug/Kg | | V |
| \$403093 | 0 | 2 | IN : | SS40046AE | N-NITROSO | DIPHENYLAMINE | 86-30-6 | 700 | 700 | ug/Kg | U | V |
| 5403193 | 0 | 2 | | | | DIPHENYLAMINE | 86-30-6 | 460 | | ug/Kg | | V |
| S403293 S403393 | 0 | 2 | | | | DIPHENYLAMINE DIPHENYLAMINE | 86-30-6 86-30-6 | 440 630 | | ug/Kg ug/Kg | | v v |
| \$403493 | 0 | 2 | | | | DIPHENYLAMINE | 86-30-6 | 420 | | ug/Kg | | <u>v</u> |
| S403593 S403693 | 0 | 2 | IN S | SS40051AE | N-NITROSOI | DIPHENYLAMINE | 86-30-6 | 390 | 390 | ug/Kg | U i | V |
| | 0 | 21 | IN S | SS40052AE | N-NITROSOI | DIPHENYLAMINE | 86-30-6 | 390 | 300 | ug/Kg | 11 | V |

| IOCATION DEPTH Sept LANTI SAMPLE PURINGER INTERCACION DESCRIPTION DAMPINE COLARIST | ,,, | y | | , — | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Surf | ace Soils - Or | ganics | | | |
|---|----------|---|---------------------------------------|--------------------|---------------------------------------|--|---------------|----------------|-------------|--------|----------|-------------------------|
| SSS11195 | | | | | SAMPLE NUMBER | | CAS NO | | | | | VALIDATION QUALIFIER |
| SAUGUSS O | SS811193 | C | 3 | IN | SSG0105JE | N-NITROSODIPHENYLAMINE | 86-30-6 | 330 | 350 | ug/Kg | U | V |
| SAUGUST C. 2 N. SSAUGUARE NONLOCSANE 639-03-5 1100 (pring J. 2 2 2 2 2 2 2 2 2 | SS811493 | | · · · · · · · · · · · · · · · · · · · | | | | | 330 | | | | |
| SS00959 | | | | | | | | | | | | |
| SASOBORN 0 2 IN SASOD7ALE PALMITIC ACID 0.71-0.5 2.70 2. | | | | | | | | | | | | |
| SACO938 O | SS400693 | C | 2 | IN | \$\$40022AE | O-FLUOROPHENOL | 367-12-4 | | | | | |
| SS00959 | 41593 | | | | | | | | 260 | ug/Kg | J | |
| \$500393 0 2 IN \$500404E PALMITIC ACID 97-0-3 \$800 up/6 J 2 \$500393 0 2 IN \$500404E PALMITIC ACID 97-0-3 \$500 up/6 J 2 \$500393 0 2 IN \$500504E PALMITIC ACID 97-0-3 \$500 up/6 J 2 \$500393 0 2 IN \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$500504E PALMITIC ACID 97-0-3 \$100 up/6 J 2 \$100 u | | | | | | | | | | | | |
| \$500393 | | | | | | | | | | | | |
| SS405499 | SS403393 | | | | | | | | 1500 | ug/Kg | J | Z |
| SS405959 0 2 N SS4051AE PALMITC ACID 67-10-3 1000\(\text{DOV}\) 75-10-3 610\(\text{DVR}\) 1 2 2 58405950 0 2 N SS4055AE PALMITC ACID 157-10-3 610\(\text{DVR}\) 1 2 2 58405950 0 2 N SS4055AE PALMITC ACID 157-10-3 610\(\text{DVR}\) 1 2 2 2 2 2 3 3 3 3 3 | SS403493 | | | | | | | | 1400 | lug/Kg | J | |
| \$5403980 0 2 N \$540058AE PALMITC ACID \$7-10-3 \$10-0g/Ng J Z \$2-550350 J N \$550058AE PALMITC ACID \$7-10-3 \$10-0g/Ng J Z \$2-550350 J N \$550058AE PARMITC ACID \$7-10-5 \$10-0g/Ng J Z \$2-550350 J N \$550058AE PARMIC ACID \$10-0g/Ng J Z \$2-550350 J N \$550058AE PARMIC ACID \$10-0g/Ng J Z \$2-550350 J N \$550058AE PARMIC ACID \$10-0g/Ng J Z \$2-550350 J N \$550058AE PARMIC ACID \$10-0g/Ng J Z \$2-550350 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$550058AE PARMIC ACID \$10-0g/Ng J V \$2-00930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$11930 J N \$500058AE PARMIC ACID \$10-0g/Ng J V V \$10-0g/Ng J V V \$10-0g/Ng J V \$10-0g/Ng J V \$10-0g/Ng J V \$10-0g/Ng J V | | | | ****************** | | | | | | | | |
| SS409899 0 2 N SS40002AE | | | | | | | | ··· | | | | |
| 0.00000000000000000000000000000000000 | SS403693 | | | | | | | | | | | |
| 0.2 IN S500005AE P-BROMODIPHENYL ETHER 101-55-3 380 380 380 390 | 05093 | 0 | 2 | IN | \$\$00002AE | | | 360 | | | | |
| 1998 0 2 IN \$\$4000AE P.BROMODIPHENYL ETHER 101-55-3 440 440 450 | 05193 | | | | | | | | | | | |
| 90293 0 2 IN \$\$400124E P.BROMODIPHENYL ETHER 101-55-3 | | | | <u></u> | | | | | | | | |
| 0.2 IN SAGOSAE P.BROMODIPHENYL ETHER 101-55-3 640 440 | | | | | | | | | | | | |
| 1985 0 2 IN SS40057AE P.BROMODIPHENYL ETHER 101-55-3 560 5600 600 107 V V 1989 0 2 IN SS40058AE P.BROMODIPHENYL ETHER 101-55-3 560 500 107 V 1989 0 2 IN SS40058AE P.BROMODIPHENYL ETHER 101-55-3 380 300 107 V V 1989 0 2 IN SS40057AE P.BROMODIPHENYL ETHER 101-55-3 380 300 107 V V V V V V V V V | 40393 | | | | | | | | | | | |
| 0.00000000000000000000000000000000000 | 40693 | | | | | P-BROMODIPHENYL ETHER | 101-55-3 | | 600 | ug/Kg | U | V |
| 1993 0 ZIN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 390 3901µ/G U V V V V V V V V V | 40793 | | | | · · · · · · · · · · · · · · · · · · · | · | | | | | | |
| 1193 O. ZIN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 740 740 1976 10 1 V V 14193 O. ZIN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 740 740 1976 10 V V 14193 O. ZIN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 1976 U V V 14193 O. ZIN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 1976 U V V 14193 O. ZIN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 1976 U V V V V V V V V V | | | | | | | | | | | | |
| MISSION PAROMODIPHENYL ETHER 101-55-3 350 35 | 41193 | | | | | | | | | | | |
| 41693 4 61 N SS40073AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V V 14793 0 2 IN SS40040AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14793 0 2 IN SS40077AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14793 0 2 IN SS4000AB P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4000AB P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS400AB P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4007AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14203 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14303 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 14303 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 143093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 144093 0 2 IN SS4005AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 144093 0 2 IN SS4005AB P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 144093 0 2 IN SS4005AB P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 144093 0 2 IN SS4005AB P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V 144093 0 2 IN SS4005AB P-BROMODIPHENYL ETHE | 1293 | 0 | 2 | IN | SS40071AE | P-BROMODIPHENYL ETHER | 101-55-3 | | | | | |
| 11793 0 2 IN \$\$40077AE P-BROMODIPHENY, ETHER 101-55-3 390 380 ug/Kg U | 41593 | | | | | | | | 350 | ug/Kg | U | |
| 11993 0 2 IN S\$400908AE P.BROMODIPHENYL ETHER 101-55-3 400 4 | | | | | | | | | | | | V |
| 42093 0 2 IN SS40460AE P.BROMODIPHENYL ETHER 101-55-3 350 350 ug/Kg U V V V V V V V V V | | | | | | | | | | | | |
| 4 6 IN S\$40012AE P-BROMODIPHENYL ETHER 101-55-3 350 350 350 350 350 320 | 42093 | | | | | | | | | | | V |
| 12933 0 2 IN S\$40098E P.BROMODIPHENYL ETHER 101-55-3 360 350 350 360 10 V V V V V V V V V | 42193 | | | | | | 101-55-3 | | | | U I | |
| 12593 4 6 N SA0082AE P-BROMODIPHENYL ETHER 101-55-3 350, 350 350 107 V V V V V V V V V | | | | | | | | | | | | |
| 12893 O 2 IN SS40080AE P-BROMODIPHENYL ETHER 101-55-3 520 520 10g/Kg U V 12993 O 2 IN SS40080AE P-BROMODIPHENYL ETHER 101-55-3 370 10g/Kg U V 12993 O 2 IN SS4008AE P-BROMODIPHENYL ETHER 101-55-3 350 10g/Kg U V 12993 O 2 IN SS4008AE P-BROMODIPHENYL ETHER 101-55-3 350 10g/Kg U V V 12983 O 2 IN SS4008AE P-BROMODIPHENYL ETHER 101-55-3 350 10g/Kg U V V 12983 O 2 IN SS4008BE P-BROMODIPHENYL ETHER 101-55-3 380 380 380 10g/Kg U V V 12983 O 2 IN SS4008BE P-BROMODIPHENYL ETHER 101-55-3 380 380 380 10g/Kg U V V 12983 O 2 IN SS4008BE P-BROMODIPHENYL ETHER 101-55-3 380 380 380 10g/Kg U V V 12983 O 2 IN SS4008BE P-BROMODIPHENYL ETHER 101-55-3 380 380 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 380 380 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 380 380 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 380 380 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 380 380 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 380 380 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 480 440 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 480 440 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 480 440 10g/Kg U V V 12983 O 2 IN SS4009BE P-BROMODIPHENYL ETHER 101-55-3 420 420 10g/Kg U V V 12983 O 2 IN SS40014BE P-BROMODIPHENYL ETHER 101-55-3 420 420 10g/Kg U V V 12983 O 2 IN SS40014BE P-BROMODIPHENYL ETHER 101-55-3 420 420 10g/Kg U V V 12983 O 2 IN SS40014BE P-BROMODIPHENYL ETHER 1 | | | | | | | | | | | | |
| 1985 | | | | | | | | | | | | |
| 43933 4 6 IN S\$40087AE | 42993 | | | | | | | | ···· | | | |
| 13493 0 2 IN S\$40088AE P.BROMODIPHENYL ETHER 101-55-3 330 330 330 330 340 | 43193 | | | | | | | | | | | |
| 43693 | | | | | | | | | | | | |
| 1975 1988 | | | | | | | | | | | | |
| 1989 0 2 N | 43793 | | | | | | | | | | | |
| A40933 0 2 N \$\$40090AE P-BROMODIPHENYL ETHER 101-55-3 400 400 ug/Kg U V V V V V V V V V | 43893 | | | | | | 101-55-3 | 400 | 400 | ug/Kg | U | V |
| 44393 0 2 N SS40005AE P.BROMODIPHENYL ETHER 101-55-3 380 38 | | | | · | | | | | | | | V |
| 44693 | | | | | | | | | | | | v |
| 45693 0 2 IN SS40094AE | | | | | | | | | | | <u>.</u> | |
| 46193 0 2 N S\$40096AE | 45693 | | | IN | SS40094AE | | | | | | | |
| 46693 4 6 IN SS40141AE P-BROMODIPHENYL ETHER 101-55-3 330 380 ug/Kg U V V 46793 4 6 IN SS40142AE P-BROMODIPHENYL ETHER 101-55-3 330 380 ug/Kg U V V 46983 4 6 IN SS40143AE P-BROMODIPHENYL ETHER 101-55-3 330 380 ug/Kg U V V 47033 0 1 IIN SS40143AE P-BROMODIPHENYL ETHER 101-55-3 330 370 ug/Kg U V V 55400230 0 1 IIN SS40145AE P-BROMODIPHENYL ETHER 101-55-3 330 370 ug/Kg U V V 55400230 0 2 IN SS40018AE P-BROMODIPHENYL ETHER 101-55-3 460 460 ug/Kg U V S 55400230 0 2 IN SS40018AE P-BROMODIPHENYL ETHER 101-55-3 460 460 ug/Kg U V S 55400330 0 2 IN SS40018AE P-BROMODIPHENYL ETHER 101-55-3 350 ug/Kg U V S 55400330 0 2 IN SS40018AE P-BROMODIPHENYL ETHER 101-55-3 340 340 ug/Kg U V S 55400330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/Kg U V S 55400330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/Kg U V S 55400330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/Kg U V S 55400330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/Kg U V S 55400330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/Kg U V S 55400330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 460 450 ug/Kg U V S 55401330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 460 450 ug/Kg U V S 55401330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 460 450 ug/Kg U V S 55401330 0 2 IN SS4002AE P-BROMODIPHENYL ETHER 101-55-3 460 450 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 460 450 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 460 460 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 460 470 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 450 470 470 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 450 450 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 450 450 ug/Kg U V S 55401330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/Kg U V S 55402330 0 2 IN SS4003AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/Kg U V S 55402330 0 2 IN SS4004AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/Kg U | 45793 | | | | | ····· | | | 500 | ug/Kg | U | |
| 46793 4 6 N SS40142AE P-BROMODIPHENYL ETHER 101-55-3 330 360 lug/Kg lU V V 46883 4 6 N SS40143AE P-BROMODIPHENYL ETHER 101-55-3 330 370 lug/Kg lU V V SS400233 0 1 N SS4016AE P-BROMODIPHENYL ETHER 101-55-3 330 370 lug/Kg lU V SS400233 0 2 N SS40018AE P-BROMODIPHENYL ETHER 101-55-3 330 370 lug/Kg lU V SS400339 0 2 N SS40019AE P-BROMODIPHENYL ETHER 101-55-3 350 350 lug/Kg lU V SS5400339 0 2 N SS40021AE P-BROMODIPHENYL ETHER 101-55-3 350 350 lug/Kg lU V SS5400339 0 2 N SS40021AE P-BROMODIPHENYL ETHER 101-55-3 350 350 lug/Kg lU V SS5400633 0 2 N SS40022AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5400633 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5400633 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5400633 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5400833 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 460 460 lug/Kg lU V SS5401333 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 460 460 lug/Kg lU V SS5401333 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40023AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5401333 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5402533 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5402533 0 2 N SS40034AE P-BROMODIPHENYL ETHER 101-55-3 360 360 lug/Kg lU V SS5403333 0 2 N SS40044AE P-BROMODIPHENYL ETHER 101- | | | | | | | · | | | | | |
| 46883 | | | | | | | | | | ug/Kg | | ···· |
| 1 | 46893 | | | | | | | | | | | |
| \$\$400393 | 47093 | 0 | 1 | IN | SS40145AE | P-BROMODIPHENYL ETHER | 101-55-3 | 330 | 370 | ug/Kg | U | V |
| SS400593 O 2 IN SS40021AE | | | | | | | | | | | | |
| SS400693 O 2 IN SS40022AE | | | | | | | | | 350 | ug/Kg | <u>U</u> | |
| SS400793 O 2 IN SS40023AE | SS400593 | | | | | | | | | | | |
| SS400893 O 2 IN SS40024AE | SS400793 | | | | | · | | | | | | |
| SS401293 O 2 IN SS40028AE | SS400893 | 0 | 2 | IN i | SS40024AE | P-BROMODIPHENYL ETHER | 101-55-3 | 460 | 460 | ug/Kg | U | V |
| SS401393 O 2 IN SS40029AE | | | | | | | | | | | | |
| SS401593 O 2 IN SS40031AE P-BROMODIPHENYL ETHER 101-55-3 430 430 ug/kg U V V SS401693 O 2 IN SS40032AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS401893 O 2 IN SS40034AE P-BROMODIPHENYL ETHER 101-55-3 380 380 ug/kg U V V SS402393 O 2 IN SS40034AE P-BROMODIPHENYL ETHER 101-55-3 380 380 ug/kg U V V SS402593 O 2 IN SS40041AE P-BROMODIPHENYL ETHER 101-55-3 440 440 ug/kg U V V SS402593 O 2 IN SS40043AE P-BROMODIPHENYL ETHER 101-55-3 370 370 ug/kg U V V SS402593 O 2 IN SS40044AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V V SS402593 O 2 IN SS40044AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V V SS402593 O 2 IN SS40045AE P-BROMODIPHENYL ETHER 101-55-3 340 340 ug/kg U V V SS403393 O 2 IN SS40047AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V SS403393 O 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V SS403393 O 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V SS403393 O 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V SS403393 O 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 360 360 ug/kg U V V | | | | | | | | | | | | |
| SS401693 O 2 IN SS40032AE P-BROMODIPHENYL ETHER 101-55-3 360 | SS401593 | | | | | | | | | | | |
| SS401893 0 2 IN SS40034AE P-BROMODIPHENYL ETHER 101-55-3 380 380 lug/Kg U V SS402393 0 2 IN SS40039AE P-BROMODIPHENYL ETHER 101-55-3 380 380 lug/Kg U V SS402593 0 2 IN SS40041AE P-BROMODIPHENYL ETHER 101-55-3 440 440 lug/Kg U V SS402793 0 2 IN SS40043AE P-BROMODIPHENYL ETHER 101-55-3 370 370 lug/Kg U V SS402893 0 2 IN SS40045AE P-BROMODIPHENYL ETHER 101-55-3 350 350 lug/Kg U V SS403933 0 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 340 340 lug/Kg U V SS403193 0 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 700 700 lug/Kg U V SS403293 0 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 460 | SS401693 | 0 | 2 | IN is | SS40032AE | | | | 360 | ug/Kg | U | |
| SS402593 O 2 IN SS40041AE P-BROMODIPHENYL ETHER 101-55-3 440 440 ug/kg U V V SS402793 O 2 IN SS40043AE P-BROMODIPHENYL ETHER 101-55-3 370 370 ug/kg U V V SS402893 O 2 IN SS40044AE P-BROMODIPHENYL ETHER 101-55-3 350 350 ug/kg U V V SS40045AE P-BROMODIPHENYL ETHER 101-55-3 340 340 ug/kg U V V SS403493 O 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 700 700 ug/kg U V V SS403493 O 2 IN SS40047AE P-BROMODIPHENYL ETHER 101-55-3 460 460 ug/kg U V SS403493 O 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 440 440 ug/kg U V SS403493 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U V V SS40349AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/kg U | SS401893 | | | | | | | | 380 | ug/Kg | U | v |
| SS402793 0 2 IN SS40043AE P-BROMODIPHENYL ETHER 101-55-3 370 370 lug/kg U V SS402893 0 2 IN SS40044AE P-BROMODIPHENYL ETHER 101-55-3 350 350 lug/kg U V SS402893 0 2 IN SS40045AE P-BROMODIPHENYL ETHER 101-55-3 340 340 lug/kg U V SS40393 0 2 IN SS40045AE P-BROMODIPHENYL ETHER 101-55-3 700 700 lug/kg U V SS403193 0 2 IN SS40047AE P-BROMODIPHENYL ETHER 101-55-3 460 460 lug/kg U V SS403193 0 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 460 460 lug/kg U V SS403393 0 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 440 440 lug/kg U V SS403393 0 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 lug/kg U V | | | | | | | | | | | | |
| SS402893 0 2 IN SS40044AE P-BROMODIPHENYL ETHER 101-55-3 350 350 Iug/Kg U V SS402993 0 2 IN SS40045AE P-BROMODIPHENYL ETHER 101-55-3 340 340 Iug/Kg U IV SS403093 0 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 700 700 Iug/Kg U V SS403193 0 2 IN SS40047AE P-BROMODIPHENYL ETHER 101-55-3 460 460 Iug/Kg U V SS403293 0 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 440 440 Iug/Kg U V SS403393 0 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 Iug/Kg U V | | | | | | | | | | | | |
| SS402993 0 2 IN SS40045AE P-BROMODIPHENYL ETHER 101-55-3 340 340 ug/Kg U IV SS4003093 0 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 700 700 ug/Kg U IV SS403193 0 2 IN SS40047AE P-BROMODIPHENYL ETHER 101-55-3 460 460 ug/Kg U IV SS403193 0 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 440 440 ug/Kg U IV SS403193 0 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 440 440 ug/Kg U IV SS403193 0 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/Kg U IV | SS402793 | | | | | | | | | | | |
| SS403093 O 2 IN SS40046AE P-BROMODIPHENYL ETHER 101-55-3 700 700 lug/Kg U V SS403193 O 2 IN ISS40047AE P-BROMODIPHENYL ETHER 101-55-3 460 460 lug/Kg U V SS403293 O 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 440 440 lug/Kg U V SS403393 O 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 lug/Kg U V | SS402993 | 0 | 2 | IN S | SS40045AE | | | | | | | |
| SS403293 0 2 IN SS40048AE P-BROMODIPHENYL ETHER 101-55-3 440 440 Ug/Kg U V SS403393 0 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/Kg U V | SS403093 | | | | | | | | 700 | ug/Kg | U i | V |
| SS403393 0 2 IN SS40049AE P-BROMODIPHENYL ETHER 101-55-3 630 630 ug/Kg U V | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | SS403493 | 0 | | | | | 101-55-3 | 420 | | | | |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics 38 1.00 1/20 W. 1886 DEPTH LOCATION DEPTH DETECTION LAB RESULT VALIDATION START END UNIT SAMPLE NUMBER CAS NO. RESULT UNITS QUALIFIER QUALIFIER CODE ANALYTE LIMIT SS403593 ISS40051AE P-BROMODIPHENYL ETHER 101-55-3 390 IN 390 ug/Kg | U 1101-55-3 SS403693 0 2 IN SS40052AF P-BROMODIPHENYL ETHER 390 390 ug/Kg U SS810893 0 3 IN SSG0102.IF P-BROMODIPHENYL ETHER 1101-55-3 330 340 ug/Kg U IV ĪV SS811193 0 31 IN ISSG0105JE P-BROMODIPHENYL ETHER 101-55-3 330 350 ug/Kg | U SS811493 ni 311N SSG0108JE P-BROMODIPHENYL ETHER 101-55-3 330 380 ug/Kg | U ŤΫ 05093 0 PENTACHLOROPHENOL 2 IN SS00002AE 87-86-5 1800 1800 ug/Kg U Z 05193 0 2IN ISS00003AE PENTACHLOROPHENOL 187-86-5 1900 1900|ug/Kg |U PENTACHLOROPHENOL 0 SS00005AE 187-86-5 05393 2 IN 1800 1800 ug/Kg | U 17 0 2IIN ISS40060AE | PENTACHLOROPHENOL īv 40093 87-86-5 2400 2400|ug/Kg |U PENTACHLOROPHENOL 40293 SS40042AE 0 2IIN 87-86-5 2200 2200 ug/Kg | U IV 40393 0 2 IN SS40053AE PENTACHLOROPHENOL 87-86-5 2200 ug/Kg U 2200 IV 40693 0 2 IN SS40057AE PENTACHLOROPHENOL 87-86-5 3000 3000 ug/Kg | U īv 40793 0 SS40058AE PENTACHLOROPHENOL 87-86-5 2900 2900|ug/Kg |U IV 1900 ug/Kg | U 40893 0 ISS40004AE PENTACHLOROPHENOL 87-86-5 1600 ĪV 40993 PENTACHLOROPHENOL 0 2 IN ISS40072AE 87-86-5 2000 2000 ug/Kg | U īV 2500 ug/Kg [U 41193 ō 2IIN SS40007AE PENTACHLOROPHENOL 87-86-5 2500 41293 0 2 IN SS40071AE PENTACHLOROPHENOL 87-86-5 3700 3700 ug/Kg U 41593 6|IN SS40073AE PENTACHLOROPHENOL 1800 1800 ug/Kg U 41693 0 SS40410AE PENTACHLOROPHENOL 2 IN 87-86-5 2200 2200 ug/Kg U 41793 2 IN SS40077AE PENTACHLOROPHENOL 0 87-86-5 1900 1900 ug/Kg | U 41993 0 2 IN SS40009AE PENTACHLOROPHENOL 87-86-5 2000 2000 ug/Kg | U 42093 0 ZIIN SS40480AE PENTACHLOROPHENOL 87-86-5 1700 1700 ug/Kg | U īv 42193 4 6 IN SS40012AE PENTACHLOROPHENOL 87-86-5 V 1700 1700 ug/Kg | U 42293 0 2 IN SS40078AE PENTACHLOROPHENOL 87-86-5 1900 1900 ug/Kg U 42393 O 2 IN SS40079AE PENTACHLOROPHENOL 87-86-5 1800 1800|ug/Kg | U ĪV 1800 ug/Kg | U 42593 4 6IIN SS40082AE PENTACHLOROPHENOL 87-86-5 1800 IV 0 87-86-5 42693 2! IN SS40080AE PENTACHLOROPHENOL 2600 2600 ug/Kg | U 142993 0 2 IN SS40056AF PENTACHLOROPHENOL 87-86-5 1800 1800 ug/Kg | U SS40084AF 43193 0 2 IN PENTACHI OROPHENOL 87-86-5 1800 1800 ug/Kg | U 43393 4 SS40087AE PENTACHLOROPHENOL īv 6) IN 187-86-5 1800 1800 ug/Kg U 43493 0 2IIN SS40086AE PENTACHLOROPHENOL 187-86-5 1900 1900 ug/Kg | U J 43693 4 6 IN SS40089AE PENTACHLOROPHENOL 87-86-5 1800 1800|ug/Kg |U īV 43793 PENTACHLOROPHENOL SS40088AE 0 2IIN 87-86-5 1900 1900 ug/Kg | U īv 43893 0 2 IN SS40010AE PENTACHLOROPHENOL 87-86-5 2000 2000 ug/Kg U īV 43993 SS40091AE PENTACHLOROPHENOL 0 87-86-5 1900 1900 ug/Kg | U V 44093 ٥ SS40090AE PENTACHLOROPHENOL 87-86-5 2000 2000 ug/Kg |U 44393 0 SS40005AE PENTACHLOROPHENOL 87-86-5 1900 ug/Kg | U ĪΫ 1900 PENTACHLOROPHENOL SS40070AE 44893 87-86-5 2200 2200 ug/Kg | U īV 45693 SS40094AE PENTACHLOROPHENOL 2400 ug/Kg | U 87-86-5 2400 IV 45793 SS40015AE PENTACHLOROPHENOL 87-86-5 2500 ug/Kg U O 2 IN 2500 V 46193 SS40096AE PENTACHLOROPHENOL 0 87-86-5 2100 2100 ug/Kg U 46693 4 6 IN SS40141AE PENTACHLOROPHENOL 87-86-5 1600 1800 ug/Kg | U ĪV 40793 6!IN SS40142AE PENTACHLOROPHENOL 87-86-5 1600 1800 ug/Kg U IV 46893 6 IN SS40143AE PENTACHLOROPHENOL 4 1800 ug/Kg U 47093 SS40145AE PENTACHLOROPHENOL 1800 ug/Kg | U 0 1jlN 87-86-5 1600 SS400293 0 2IIN SS40018AE PENTACHLOROPHENOL 2300 ug/Kg | U 87-86-5 2300 SS400393 O 2 IN SS40019AE PENTACHLOROPHENOL 87-86-5 1700 1700 ug/Kg | U SS400593 0 2IIN SS40021AE PENTACHLOROPHENOL 87-86-5 1700 1700 ug/Kg | U V SS400693 O 2:IN SS40022AE PENTACHLOROPHENOL 87-86-5 1800 1800 ug/Kg | U SS400793 0 2 IN SS40023AE PENTACHLOROPHENOL 87-86-5 1900 1900 ug/Kg U V SS400893 PENTACHLOROPHENOL O 21IN SS40024AF 87-86-5 2300 2300 ug/Kg U SS401193 0 2 IN SS40027AF PENTACHLOROPHENOL 87-86-5 2400 2400 ug/Kg | U īV SS401293 0 2 IN SS40028AF PENTACHI OROPHENOI 87-86-5 1800 1800 ug/Kg | U SS401393 SS40029AE PENTACHLOROPHENOL 0 2 IN 87-86-5 2400 2400 ug/Kg | U V SS401593 0 2 IN SS40031AF PENTACHLOROPHENOL 87-86-5 2200 2200 ug/Kg | U 177 SS401693 PENTACHLOROPHENOL SS40032AE 0 2 IN 87-86-5 1800 1800 ug/Kg U V SS401893 0 SS40034AE 2 IN PENTACHLOROPHENOL 87-86-5 1900 1900 ug/Kg U IV SS402393 SS40039AE PENTACHLOROPHENOL 0 2 IN 87-86-5 1900 1900 ug/Kg U īV S\$402593 0 SS40041AE 2 IN PENTACHLOROPHENOL 87-86-5 2200 2200 ug/Kg | U V SS402793 2 IN S\$40043AE PENTACHLOROPHENOL 87-86-5 1800 1800 ug/Kg | U īV 2 IN ō SS40044AE PENTACHLOROPHENOL 187-86-5 1800 1800 ug/Kg | U IV SS402993 S\$40045AE PENTACHLOROPHENOL 87-86-5 1700 1700 ug/Kg | U IV SS40046AE SS403093 0 PENTACHLOROPHENOL 87-86-5 3500 3500 ug/Kg | U IV SS403193 SS40047AE PENTACHLOROPHENOL 87-86-5 2300 2300 ug/Kg U ٠V SS403293 O SS40048AE PENTACHLOROPHENOL 2IIN 87-86-5 2200 2200 ug/Kg | U S\$403393 0 SS40049AE PENTACHLOROPHENOL 87-86-5 īv 3100 3100 ug/Kg | U SS403493 0 2 IN SS40050AF PENTACHLOROPHENOL 87-86-5 2100 2100 ug/Kg U SS403593 ō 2 IN SS40051AE PENTACHLOROPHENOL 87-86-5 2000 2000 ug/Kg | U SS403693 0 2IN SS40052AE PENTACHLOROPHENOL 87-86-5 1900 1900 ug/Kg U SS810893 0 3IIN SSG0102JE PENTACHLOROPHENOL 87-86-5 1600 1700 ug/Kg | U SSG0105JE SS811193 O 3 IN PENTACHLOROPHENOL 87-86-5 1600 1700 ug/Kg | U SS811493 O 3111 SSG0108JE PENTACHLOROPHENOL 87-86-5 1600 1800 ug/Kg |U 41593 4 6 IN SS40073AF PENTADECANE 629-62-9 170 ug/Kg | J SS402893 0 2 IN SS40044AE PENTATRIACONTANE 1630-07-9 1800 ug/Kg J 05093 360 440 ug/Kg 0 2 IN ISS00002AF PHENANTHRENE 85-01-8 Z 05193 0 2 IN SS00003AE PHENANTHRENE 85-01-8 380 50 ug/Kg J 05393 0 2! IN SS00005AF PHENANTHRENE 85-01-8 360 86 ug/Kg J 40093 2 IN SS40060AE PHENANTHRENE 85-01-8 480 480 ug/Kg | U

| and the same of th | W. W. | . Sagar | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | 1013101301 | · | | 22/20- | accession a color | 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|--|----------------|--|---------|-------------------|--|----------------------|--------------------|-------------------|--------------|-------------------|--|
| LOCATION | DEPTH START | DEPTH END | I INST | SAMPLE NUMBER | ANALYTE | CAS NO. | DETECTION LIMIT | | INITE | LAB RESULT | VALIDATION |
| 40293 | O | - | | | and the same of th | 85-01-8 | 450 | | g/Kg | | V |
| 40393 | 0 | | | | | 85-01-8 | 440 | | g/Kg | | V |
| 40693 | j 0 | | | | | 85-01-8 | 600 | | | | V |
| 40793 | 0; | | | | | 85-01-8 | 590 | | | | V |
| 40893 40993 | 0 | | | | | 85-01-8 85-01-8 | 330 390 | | g/Kg g/Kg | | V V |
| 41193 | 0 | | | | | 85-01-8 | 500 | | g/Kg | | A |
| 41293 | 0 | | | \$\$40071AE | PHENANTHRENE | 85-01-8 | 740 | | g/Kg | | Α |
| 41593 | 4 | | | | | 85-01-8 | 350 | | g/Kg | | V |
| 41693 | 0 | | | | | 85-01-8 | 450 | | g/Kg | | A |
| 41793 41993 | 0 | | | | PHENANTHRENE PHENANTHRENE | 85-01-8 85-01-8 | 390 | | g/Kg g/Kg | | <u> </u> |
| 42093 | 0 | | | | | 85-01-8 | 350 | | g/Kg | | A |
| 42193 | 4 | | | | | 85-01-8 | 350 | | g/Kg | | V |
| 42293 | 0 | | | | | 85-01-8 | 380 | | g/Kg | | J |
| 42393 | 0 | | | | | 85-01-8 | 360 | | g/Kg | | Α |
| 42593 42693 | 4 | | | | | 85-01-8 85-01-8 | 350 520 | | g/Kg | | V |
| 42993 | . 0 | | | | | 85-01-8 | 370 | | g/Kg g/Kg | | A |
| 43193 | 0 | | · | | | 85-01-8 | 360 | | g/Kg | | |
| 43393 | 4 | 6 | | | | 85-01-8 | 350 | | | | V |
| 43493 | 0 | # 10 1 Marie 1 Marie 2 | | | | 85-01-8 | 380 | | g/Kg | | J |
| 43693 | 4 | | · | | | 85-01-8 | 350 | | g/Kg | | V |
| 43793 43893 | 0 | | | | | 85-01-8 85-01-8 | 380 400 | | g/Kg | | A |
| 43993 | o | | | | | 85-01-8 | 380 | | | | Ŷ |
| 44093 | Ö | | | | | 85-01-8 | 400 | | g/Kg | | _ |
| 44393 | 0 | | <u></u> | | | 85-01-8 | 380 | 130 ט | g/Kg | J | Α |
| 44893 | 0 | | | | | 85-01-8 | 440 | | | | V |
| 45693 ` | 0 | | | | | 85-01-8 | 480 | | | | A |
| 45793 46193 | 0 | | | | | 85-01-8 85-01-8 | 500 420 | ***************** | | | V A |
| 46693 | 4 | | | | | 85-01-8 | 330 | 360 u | | | v |
| 46793 | 4 | 6 | IN I | SS40142AE | PHENANTHRENE | 85-01-8 | 330 | | | | V |
| 46893 | 4 | | | | PHENANTHRENE | 85-01-8 | 330 | 370 u | g/Kg | U | V |
| 47093 | 0 | | | | | 85-01-8 | 330 | | | | V |
| SS400293 SS400393 | 0 | | | | | 85-01-8 85-01-8 | 460 350 | | | | A A |
| SS400593 | 0 | | | | | 85-01-8 | 340 | | g/Kg | | A |
| S\$400693 | 0 | | | | | 85-01-8 | 360 | 40 u | g/Kg | J | A |
| SS400793 | 0 | | | | | 85-01-8 | 380 | | | J | Α |
| SS400893 | 0 | | | | | 85-01-8 | 460 | | g/Kg | | A |
| SS401193 SS401293 | 0 0 | | | | | 85-01-8 85-01-8 | 480 360 | 480 u | | | V V |
| SS401393 | 0 | | | | | 85-01-8 | 470 | 470 u | | | V |
| SS401593 | 0 | | | | | 85-01-8 | 430 | | | | v |
| SS401693 | 0 | | | | PHENANTHRENE | 85-01-8 | 360 | 160 u | g/Kg | | A |
| SS401893 | 0 | | | | | 85-01-8 | 380 | | | | Α |
| SS402393 SS402593 | 0 | | | | | 85-01-8 ` | 380 440 | 180 u | | | A V |
| SS402793 | 0 | | | | | 85-01-8 85-01-8 | 370 | 440 u 950 u | | | V |
| SS402893 | 0 | | | | | 85-01-8 | 350 | 180 u | | | A. |
| SS402993 | 0 | 2 | IN | | | 85-01-8 | 340 | | g/Kg | | A |
| SS403093 | 0 | | | | | 85-01-8 | 700 | 290 บ | | | Α |
| S\$403193 S\$403293 | 0 | | | | | 85-01-8 | 460 | 460 u | g/Kg | U | V |
| SS403293 SS403393 | 0 | | | | | 85-01-8 85-01-8 | 440 630 | | g/Kg g/Kg | J | A A |
| SS403493 | 0; | | | | | 85-01-8 | 420 | | | | V |
| S\$403593 | O | | IN | SS40051AE | PHENANTHRENE | 85-01-8 | 390 | 390 u | | | v · |
| SS403693 | 0 | | IN : | SS40052AE | PHENANTHRENE | 85-01-8 | 390 | 74 U | g/Kg | J | Α |
| \$\$810893 | 0 | | | | | 85-01-8 | 330 | | | | A |
| SS811193 SS811493 | 0 | | | | | 85-01-8 | 330 | | g/Kg | | V |
| 05093 | 0 | | | | | 85-01-8 108-95-2 | 330 360 | | | | Z |
| 05193 | 0 | | | | | 108-95-2 | 380 | | | | <u>V</u> |
| 05393 | 0 | 2 | IN | SS00005AE | | 108-95-2 | 360 | | | | Ż |
| 40093 | 0 | | | | | 108-95-2 | 480 | 480 u | g/Kg | U | V |
| 40293 | 0 | | | | | 108-95-2 | 450 | | | | V |
| 40393 40693 | 0 | | | | | 108-95-2 108-95-2 | 440 600 | 440 u | | | v |
| 40793 | 0 | | | | | 108-95-2 | 590 | | | | · V |
| 40893 | 0 | | | | | 108-95-2 | 330 | 400 u | | | v |
| 40993 | 0 | 2 | IN i | SS40072AE | PHENOL | 108-95-2 | 390 | 390 u | g/Kg | U } | V |
| 41193 | 0 | | | | | 108-95-2 | 500 | 500 u | g/Kg | U i | V |
| 41293 | 0 | | | | | 108-95-2 108-95-2 | 740 350 | 740 u | | | <u>v</u> v |
| | | | | aaguu/SAF | EDENUL : | 1105-95-7 | 350 | 35000 | 1/4K /7 | | v |
| 41593 41693 | 4 | | | | | 108-95-2 | 450 | | | | ý · |

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics # A. LOCATION DEPTH DETECTION DEPTH ei die AB RESULT VALIDATION 200 Mari RESULT UNITS QUALIFIER QUALIFIER START END UNIT SAMPLE NUMBER CAS NO - LIMIT * CODE ANALYTE PHENOI 41993 n 2:IN SS40009AF 108-95-2 400 400 ug/Kg U SS40480AE PHENOL 350 42093 0 211N 1108-95-2 350 ug/Kg | U 42193 SS40012AF īv 4 6 IN PHENOL 108-95-2 350 350 ug/Kg U 380 ug/Kg \U 42293 0 2 IN SS40078AE PHENOL 108-95-2 380 IJ 42393 0 21IN SS40079AF PHENOL 108-95-2 360 360 ug/Kg | U 42593 6IIN SS40082A PHENOL 108-95-2 350 350 ug/Kg | U 4 IV 42693 0 2IIN SS40080AE PHENOL 1108-95-2 520 520 ug/Kg | U 42993 0 2 IN SS40056AE PHENOL 1108-95-2 370 370 ug/Kg U 43193 SS40084AE PHENOL 108-95-2 360 0 2 IN 360 ug/Kg | U 43393 S\$40087AE PHENOL 108-95-2 350 350 ug/Kg U IV 43493 0 SS40086AE PHENOL 380 380 ug/Kg | U 43693 SS40089A PHENOL 108-95-2 350 350 ug/Kg U 43793 0 2 IN S\$40088AE PHENOL 108-95-2 380 380 ug/Kg | U TV 43893 2 IN SS40010AE PHENOL 108-95-2 ō 400 400 ug/Kg | U 2 IN 43993 0 SS40091AE PHENOL 108-95-2 380 ug/Kg U V 380 44093 ō 2 IN SS40090AE PHENOL 108-95-2 400 400 ug/Kg U 2 IN SS40005AE 108-95-2 44393 0 PHENOL 380 380 ug/Kg | U V 108-95-2 144893 0 2 IN SS40070AE PHENOL 440 440 ug/Kg | U īv SS40094AE 145693 0 2 IN PHENOL 108-95-2 480 480 ug/Kg U IV 45793 0 2 IN SS40015AE PHENOL 108-95-2 500 500 ug/Kg | U 46193 O 21IN SS40096AE PHENOL 108-95-2 420 420 ug/Kg U īV SS40141AF 46693 4 RIIN PHENOL 108-95-2 330 360 ug/Kg | U IV 46793 4 6 IN SS40142AF PHENOL 108-95-2 330 360 ug/Kg U ١V 46893 4 6 IN SS40143AE PHENO 108-95-2 330 370 ug/Kg U ΪV 47093 0 11 IN ISS40145AF PHENOL 1108-95-2 330 370 ug/Kg | U !V SS40018AE ISS400293 ō ĪV 2IIN PHENOL :108-95-2 460 460 ug/Kg | U SS400393 Ô SS40019A 2IIN PHENOL 350 1108-95-2 350 ug/Kg | U IV SS400593 0 2 IN SS40021AE PHENOL W 1108-95-2 340 340 ug/Kg U SS400693 SS40022AE PHENOL 108-95-2 360 360 ug/Kg U 0 2 IN SS400793 0 PHENOL 2 IN SS40023AE 108-95-2 380 380 ug/Kg | U IV SS400893 0 2! IN SS40024AE PHENOL 108-95-2 460 460 ug/Kg U IV SS401193 0 2 IN SS40027AE PHENOL 108-95-2 480 480 ug/Kg | U SS401293 S\$40028A PHENOL 108-95-2 360 360 ug/Kg U SS401393 O SS40029AE PHENOL 108-95-2 470 470 ug/Kg | U SS401593 0 SS40031A 108-95-2 430 430 ug/Kg U SS401693 SS40032AE PHENOL 0 2 IN 108-95-2 360 360 ug/Kg | U IV SS401893 SS40034AE PHENOL 380 ug/Kg | U 0 380 108-95-2 SS402393 0 SS40039AE PHENOL 2|IN 380 ug/Kg | U PHENOL SS402593 0 SS40041AE 108-95-2 2 IN 440 440 ug/Kg | U SS402793 0 2 IN SS40043AE PHENOL 108-95-2 370 370 ug/Kg | U ISS402893 0 2 IN SS40044AE PHENOL 108-95-2 350 350 ug/Kg | U SS402993 0 2 IN SS40045AE PHENOL 108-95-2 340 340 ug/Kg | U SS403093 0 2IIN SS40046AE PHENOL 108-95-2 700 700 ug/Kg U SS403193 O 2 IN ISS40047AE PHENO 108-95-2 460 460 ug/Kg U ISS403293 0 2IIN SS40048AF PHENOL 108-95-2 440 440 ug/Kg U SS403393 SS40049AF O 2 IN PHENOI 1108-95-2 630 630 ug/Kg | U V SS403493 2 IN SS40050AF PHENOL 0 108-95-2 420 420 ug/Kg | U SS403593 SS40051AE 0 2/IN PHENOI 108-95-2 390 390 ug/Kg (U īV PHENOL SS403693 0 SS40052AE 2 IN 108-95-2 390 390 ug/Kg | U W SS810893 SSG0102JE 0 3IIN PHENOL 108-95-2 330 340 ug/Kg U ĪV 0 PHENOL SS811193 SSG0105JE 3IIN 350 ug/Kg | U 108-95-2 330 ĪV ISS811493 0 SSG0108JE PHENOL 3IIN 108-95-2 330 380 ug/Kg | U ĪV SS403093 0 2IIN SS40046AE PROPANOIC ACID, 2-HYDROXY-2-594-61-6 1100 ug/Kg J ΪŽ 05093 z 0 SS00002AE PYRENE 360 2 IN 129-00-0 770 ug/Kg 2 IN PYRENE 05193 0 SS00003AE 1129-00-0 380 64 ug/Kg J IA 05393 21IN SS00005AE PYRENE 129-00-0 150 ug/Kg |J İΖ 360 40093 0 PYRENE 129-00-0 480 480 ug/Kg U īV 40293 Õ 2 IN SS40042AE PYRENE 129-00-0 450 ug/Kg | U 450 īV 40393 0 SS40053AE PYRENE 71 ug/Kg J 129-00-0 440 IA 40693 0 SS40057AE PYRENE 1129-00-0 600 1200 ug/Kg V 40793 0 2 IN SS40058AE PYRENE 129-00-0 1400 ug/Kg ١V 40893 0 SS40004AE PYRENE 2IIN 129-00-0 330 180 ug/Kg | J !A 2IN 40993 0 SS40072AE PYRENE 820 ug/Kg | ĺ۷ 129-00-0 390 41193 O 2 IN SS40007AE PYRENE 129-00-0 500 340 ug/Kg J īΑ 41293 0 2 IN SS40071AE PYRENE 129-00-0 740 420 ug/Kg J A 4 6IN SS40073AE PYRENE 129-00-0 350 350|ug/Kg |U 41693 41793 0 2!IN SS40410AE PYRENE 129-00-0 450 150 ug/Kg | J A n 2IIN SS40077AF PYRENE 129-00-0 390 180|ug/Kg |J 0 41993 21IN SS40009AE PYRENE 129-00-0 400 280 ug/Kg | J 42093 0 PYRENE 2/IN ISS40480AF 129-00-0 350 53 ug/Kg |J 42193 SS40012AE PYRENE 4 6\IN 129-00-0 350 350 ug/Kg | U V oi 142293 SS40078AF PYRENE 2 IN 129-00-0 380 380 ug/Kg | U IJ 42393 SS40079AE 0 PYRENE 2 IN 129-00-0 360 660|ug/Kg | П 350 ug/Kg U 42593 4 SS40082AE PYRENE ÎΫ 6|IN 129-00-0 350 42693 0 SS40080AE PYRENE 2 IN 129-00-0 520 210 ug/Kg | J IA 42993 2 IN 0 S\$40056AE PYRENE 129-00-0 370 170 ug/Kg | J IA 43193 SS40084AE PYRENE 129-00-0 360 130 ug/Kg J 43393 PYRENE V 129-00-0 350 350 ug/Kg | U

| | 4 | 5 5 Y . Y | T | Evaporation Ponds AOC - Analytical Re- | | 8 7 M. 1989 | | A 4 . 18 | 8.50 |
|----------|-------|-----------|---------------------------------------|--|-------------|-------------|--------------|----------|------|
| LOCATION | DEPTH | DERTH | · · · · · · · · · · · · · · · · · · · | | 100 100 100 | | 8 18 M | | |
| CODE | START | END UNIT | SAMPLE NUMBER | ANALYTE A A A | CAS NO. | | RESULT UNITS | | |
| 43493 | 0 | 2 IN | SS40086AE | PYRENE | 129-00-0 | 380 | | | J |
| 43693 | 4: | 6 IN | SS40089AE | PYRENE | 129-00-0 | 350 | | | iv |
| 43793 | 0 | 2 IN | SS40088AE | PYRENE | 129-00-0 | 380 | | | A |
| 43893 | 0 | 2/JN | SS40010AE | PYRENE | 129-00-0 | 400 | | | Α |
| 43993 | 0 | 2 IN | SS40091AE | PYRENE | 129-00-0 | 380 | | | V |
| 44093 | 0 | 2 IN | SS40090AE | PYRENE | 129-00-0 | 400 | | | i |
| 44393 | 0 | 2 IN | | PYRENE | 129-00-0 | 380 | | | Α |
| 44893 | 0 | | SS40070AE | PYRENE | 129-00-0 | 440 | | | V |
| 45693 | 0 | 2 IN | SS40094AE | PYRENE | 129-00-0 | 480 | | | Α |
| 45793 | 0 | 2 IN | SS40015AE | PYRENE | 129-00-0 | 500 | | | V |
| 46193 | 0, | 2 IN | SS40096AE | PYRENE | 129-00-0 | 420 | 200 ug/Kg | J | Α |
| 46693 | 4 | 6 IN | SS40141AE | PYRENE | 129-00-0 | 330 | | | īV |
| 46793 | 4 | 6 IN | SS40142AE | PYRENE | 129-00-0 | 330 | | | V |
| 46893 | 4 | 6 IN | SS40143AE | PYRENE | 129-00-0 | 330 | 370 ug/Kg | U | V |
| 47093 | 0 | 1 IN | S\$40145AE | PYRENE | 129-00-0 | 330 | | | V |
| SS400293 | 0 | 2 IN | SS40018AE | PYRENE | 129-00-0 | 460 | | | Α |
| SS400393 | 0 | 2 IN | S\$40019AE | PYRENE | 129-00-0 | 350 | | | V |
| SS400593 | 0 | 2 IN | SS40021AE | PYRENE | 129-00-0 | 340 | | J | Α |
| SS400693 | 0 | 2 IN | SS40022AE | PYRENE | 129-00-0 | 360 | | | Α |
| SS400793 | 0 | 2 IN | SS40023AE | PYRENE | 129-00-0 | 380 | | | Α |
| SS400893 | 0 | 2 IN | SS40024AE | PYRENE | 129-00-0 | 460 | 93 ug/Kg | J | Α |
| SS401193 | 0 | . 2 IN | SS40027AE | PYRENE | 129-00-0 | 480 | 51 ug/Kg | j | Α |
| SS401293 | 0 | 2 IN | SS40028AE | PYRENE | 129-00-0 | 360 | 360 ug/Kg | | V |
| SS401393 | 0 | 2 IN | SS40029AE | PYRENE | 129-00-0 | 470 | 470 ug/Kg | | V |
| SS401593 | 0 | 2 IN | SS40031AE | PYRENE | 129-00-0 | 430 | 760 ug/Kg | | V |
| SS401693 | 0; | 2 IN | SS40032AE | PYRENE | 129-00-0 | 360 | 180 ug/Kg | J | Α |
| SS401893 | 0 | 2 IN | SS40034AE | PYRENE | 129-00-0 | 380 | 260 ug/Kg | J | Α |
| SS402393 | 0 | 2 IN | SS40039AE | PYRENE | 129-00-0 | 380 | 210 ug/Kg | | Α |
| SS402593 | 0 | 2 IN | S\$40041AE | PYRENE | 129-00-0 | 440, | 440 ug/Kg | Ü . | V |
| SS402793 | 0 | 2 IN | SS40043AE | PYRENE | 129-00-0 | 370 | 1100 ug/Kg | | V |
| SS402893 | 0 | 2 IN | SS40044AE | PYRENE | 129-00-0 | 350 | 370 ug/Kg | | V |
| SS402993 | 0 | 2 IN | SS40045AE | PYRENE | 129-00-0 | 340 | 57 ug/Kg | J | Α |
| SS403093 | 0 | 2 IN | SS40046AE | PYRENE | 129-00-0 | 700 | 310 ug/Kg | | A · |
| SS403193 | 0 | 2 IN | SS40047AE | PYRENE | 129-00-0 | 460 | 460 ug/Kg | U | V |
| SS403293 | 0 | 2 IN | SS40048AE | PYRENE | 129-00-0 | 440 | 210 ug/Kg | J | Α |
| 95403393 | 0 | 2 IN | SS40049AE | PYRENE | 129-00-0 | 630 | 90 ug/Kg 1 | J | Α |
| 53403493 | 0 | 2 IN | S\$40050AE | PYRENE | 129-00-0 | 420 | 49 ug/Kg | J | Α |
| SS403593 | 0 | 2] IN | SS40051AE | PYRENE | 129-00-0 | 390 | 390 ug/Kg | | V |
| SS403693 | 0 | 2 IN | SS40052AE | PYRENE | 129-00-0 | 390 | 210 ug/Kg | J | Α |
| SS810893 | 0 | 3 IN | SSG0102JE | PYRENE | 129-00-0 | 330 | 350 ug/Kg | | V |
| | 0 | 3 IN | SSG0105JE | PYRENE | 129-00-0 | 330 | 1000 ug/Kg | | V |
| SS811193 | 0 | 3 IN | SSG0108JE | PYRENE | 129-00-0 | 330 | | | V |

| | | | | Table A.2 - Solar | Evaporation Ponds AOC - Analytical Res | ults for Sur | face Soils - Or | ganics | | |
|------------------------|----------------|-------------|-------|------------------------|--|------------------------|-----------------|------------------------|-------------|------------|
| LOCATION | DEPTH | DEPTH | * | | 大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大 | a du | DETECTION | | LAB RESULT | VALIDATION |
| | START | END | UNIT | SAMPLE NUMBER | ANALYTE | CAS NO. | LIMIT | RESULTIUNITS | | QUALIFIER |
| P208989 P208989 | 0 | | | | | 100-42-5 79-01-6 | 6 | 6 ug/Kg 6 ug/Kg | | V V |
| P208989 | | | | | | 127-18-4 | 6 | | | V |
| SS402993 | Ö | | | | | 7098-22-8 | | 1600 ug/Kg | | Z |
| SS403493 | 0 | | | | | 7098-22-8 | | 1700 ug/Kg | | Z |
| SS403493 | 0 | | | | | 7098-22-8 | | 1700 ug/Kg | | 2 |
| P208989 05193 | 0 | | | | | 108-88-3 8001-35-2 | 180 | | | V |
| 05393 | Ö | | | | | 8001-35-2 | 170 | | | Z |
| 40093 | 0 | | | | | 8001-35-2 | 230 | | | V |
| 40293 | 0 | | | | | 8001-35-2 | 210 | | | V |
| 40393 | 0 | | | | | 8001-35-2 | 210 | | | V |
| 40693 40793 | 0 | | | | | 8001-35-2 8001-35-2 | 290 280 | | | V |
| 40893 | ö | | | | | 8001-35-2 | -160 | | | v |
| 40993 | 0 | | | | | 8001-35-2 | 190 | | U | V |
| 41193 | 0 | | | | | 8001-35-2 | 240 | | | V |
| 41293 | 0 | | | | | 8001-35-2 | 360 | 360 ug/Kg | | V |
| 41593 41693 | 4 0 | | | | | 8001-35-2 8001-35-2 | 170 | | | V V |
| 41793 | ~ ö | | | | | 8001-35-2 | 190 | | | v |
| 41993 | 0 | | 2 iN | SS40009AE | | 8001-35-2 | 190 | | U | V |
| 42093 | 0 | 2 | | SS40480AE | TOXAPHENE | 8001-35-2 | 170 | 170 ug/Kg | U | V |
| 42193 | 4 | | | | | 8001-35-2 | 170 | | | J |
| 42393 | 0 | | | | | 8001-35-2 | 170 | | | V. |
| 42693 42993 | 0 | | | | | 8001-35-2 8001-35-2 | 250 180 | 250 ug/Kg 180 ug/Kg | | V V |
| 43393 | 4 | | | | | 8001-35-2 | 170 | | | v |
| 43693 | 4 | | | | | 8001-35-2 | 170 | | · | V |
| 43793 | 0 | 2 | | | | 8001-35-2 | 180 | 180 ug/Kg | ĮÚ | V |
| 43893 | 0 | | | | | 8001-35-2 | 190 | | | V |
| 43993 44093 | 0 | | | | | 8001-35-2 8001-35-2 | 180 | 180 ug/Kg 190 ug/Kg | | V |
| 44393 | | | | SS40090AE SS40005AE | | 8001-35-2 | 180 | | | V |
| 44893 | | | | | | 8001-35-2 | 210 | | | v |
| 45693 | 0 | | | | | 8001-35-2 | 230 | 230 ug/Kg | | V |
| 45793 | 0 | 2 | 2 IN∙ | SS40015AE | | 8001-35-2 | 240 | 240 ug/Kg | U | V |
| 46193 | 0 | | | SS40096AE | | 8001-35-2 | 200 | 200 ug/Kg | | V |
| 46693 | 4 | | | | | 8001-35-2 | 160 | 170 ug/Kg | | V |
| 46793 46893 | 4 | | | | | 8001-35-2 8001-35-2 | 160 160 | | | V |
| 47093 | 0 | | | | | 8001-35-2 | 160 | | | v · |
| SS400293 | 0 | | | SS40018AE | | 8001-35-2 | 220 | | | ٧ |
| SS400393 | 0 | | | | | 8001-35-2 | 170 | | | ٧ |
| S\$400593 | 0 | | | | | 8001-35-2 | 160 | | | V |
| SS400693 SS400793 | 0 | | · | | | 8001-35-2 8001-35-2 | 170 | | | V |
| SS400793 | | · | | | | 8001-35-2 | 220 | | | V |
| SS401193 | 0 | | | | | 8001-35-2 | 230 | 230 ug/Kg | | v |
| SS401293 | 0 | | | | | 8001-35-2 | 170 | 170 ug/Kg | U | ٧ |
| SS401393 | 0 | | | | | 8001-35-2 | 230 | | | V |
| SS401593 | 0 | | | | | 8001-35-2 | 210 | | | V. |
| SS401693 SS401893 | 0 | | | | | 8001-35-2 8001-35-2 | 170 | 170 ug/Kg 180 ug/Kg | | V V |
| SS401893 | - 0 | | | | | 8001-35-2 | 180 | 180 ug/Kg | | V |
| S9402593 | ö | | | | | 8001-35-2 | | 210 ug/Kg | | V |
| SS402793 | 0 | 2 | IN | SS40043AE | TOXAPHENE | 8001-35-2 | | 180 ug/Kg | U | V |
| SS402893 | 0 | | | | | 8001-35-2 | 170 | 170 ug/Kg | | V |
| SS402993 | 0 | | | | | 8001-35-2 | 160 | 160 ug/Kg | | V |
| SS403093 SS403193 | 0 | | | | | 8001-35-2 8001-35-2 | 340 220 | | | V |
| SS403293 | | | | | | 8001-35-2 | 210 | | | V |
| SS403393 | <u>ö</u> | | | | | 8001-35-2 | 300 | 300 ug/Kg | | v v |
| SS403493 | 0 | . 2 | III | SS40050AE | TOXAPHENE | 8001-35-2 | 200 | 200 ug/Kg | U | ٧ |
| SS403593 | 0 | | | | | 8001-35-2 | 190 | | | V |
| SS403693 SS606292 | 0 | | | | | 8001-35-2 | 190 | 190 ug/Kg | <u> </u> | V |
| SS620292 | 0 | | | | | 8001-35-2 8001-35-2 | 160 160 | 180 ug/Kg 200 ug/Kg | | V |
| P208989 | - 6 | | | | | 10061-02-6 | · | 6 ug/Kg | | v · |
| 41593 | 4 | | | | | 126-73-8 | 350 | 350 ug/Kg | U | V |
| 42193 | 4 | | | | TRIBUTYL PHOSPHATE | 126-73-8 | 350 | 350 ug/Kg | U | ٧ |
| 42593 | 4 | | | | | 126-73-8 | 350 | 350 ug/Kg | | V |
| 43393 43693 | 4 | | | | | 126-73-8 | 350 350 | 350 ug/Kg | | V |
| P208989 | 4 | | | | | 126-73-8 108-05-4 | 12 | 350 ug/Kg 12 ug/Kg | | V V |
| P208989 | 0 | | | | | 75-01-4 | 12 | 12 ug/Kg | | V |
| P208989 | Ö | | | | | 1330-20-7 | 6 | | | V |

| | Т | | - Solar Evapo | ration Ponds AOC - Anal | | | | | | |
|------------------------|---------------------------------------|-------|---------------|--|--------------------------|--|------------------|----------------|--|---------------|
| LOCATION | SAMPLE | DEPTH | DEPTH | | | DETECTION | | 2 | LAB RESULT | VALIDATION |
| CODE | NUMBER | | | S ANALYTE | CAS NO: | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| | SS00002AE | 0 | | | 14596-10-2 | | | pCi/g | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | A |
| | SS00003AE | 0 | | <u>-</u> | 14596-10-2 | | 0.832 | | | <u>A</u> |
| | SS00005AE SS40060AE | 0 | | | 14596-10-2 | | 0.035 | pCi/g | | <u> </u> |
| | SS40042AE | 0 | | | 14596-10-2 | | | oCi/a | | v · |
| <u></u> | SS40053AE | 1 0 | | · | 14596-10-2 | | | | | v v |
| | SS40057AE | . 0 | | | 14596-10-2 | | | pCi/g | | V |
| | SS40058AE | 1 0 | | | 14596-10-2 | 0.024 | | pCi/g | | <u>V</u> |
| · | SS40004AE SS40072AE | 0 | | AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.03 | | pCi/g pCi/g | · | V V |
| <u></u> | SS40072AE | 0 | | | 14596-10-2 | | | pCi/a | | V |
| | SS40071AE | 0 | | | 14596-10-2 | | | · | | Ā |
| | SS40073AE | . 4 | | | 14596-10-2 | | | pCi/g | | V |
| | SS40410AE | 0 | | | 14596-10-2 | | | pCi/g | | A |
| | SS40077AE SS40009AE | 0 | | | 14596-10-2 14596-10-2 | | 8.962 | pCi/g | | A A |
| <u></u> | SS40480AE | . 0 | | | 14596-10-2 | | | pCi/g | | <u> </u> |
| | SS40012AE | 4 | | | 14596-10-2 | | 0.0652 | pCi/g | | Ā |
| | SS40078AE | 0 | | | 14596-10-2 | | 0.05853 | | | V |
| | SS40079AE | 0 | | | 14596-10-2 | 0.005 | 0.23 | pCi/g | <u></u> | V |
| | SS40082AE SS40080AE | 0 | | ~~~ _ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 14596-10-2 14596-10-2 | · | 0.151 | | | A |
| | SS40056AE | 0 | · | | 14596-10-2 | | | pCi/g pCi/g | | V V |
| | SS40087AE | 4 | <u></u> | | 14596-10-2 | | 0.021 | | | Ā |
| | SS40086AE | 0 | | | 14596-10-2 | | 0.0856 | | | V |
| | SS40089AE | 4 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 14596-10-2 | 0 | | pCi/g | | A |
| | SS40088AE | 0 | | | 14596-10-2 | 0.052 | | pCi/g | | A |
| | SS40010AE SS40090AE | 0 | | | 14596-10-2 14596-10-2 | 0.047 0.059 | | pCi/g pCi/g | | V V |
| | SS40005AE | 0 | | | 14596-10-2 | 0.033 | 0.408 | | | V |
| | SS40001AE | 0 | | | 14596-10-2 | 0.01 | 0.52 | pCi/g | | v · |
| | SS40070AE | 0 | | | 14596-10-2 | 0 | 0.0457 | | | V |
| | SS40094AE | 0 | | · | 14596-10-2 | | | pCi/g | | Α |
| | SS40015AE SS40096AE | 0 | | ····· / | 14596-10-2 14596-10-2 | 0.06 | | pCi/g pCi/g | | V A |
| | SS40030AE SS40141AE | 4 | | ···· | 14596-10-2 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 44.68 | | | <u>^</u> Z |
| | SS40142AE | 4 | | | 14596-10-2 | 0.0166 | 13.55 | | | |
| | SS40142AE | 4 | | | 14596-10-2 | 0.00866405 | 11.69 | | | Z |
| | SS40143AE | 4 | | | 14596-10-2 | 0.00566118 | 0.06968 | | | V |
| | SS40145AE AS00001PE | 0 | | | 14596-10-2 14596-10-2 | 0.00502603 | 0.01141 8.188 | · | | <u> </u> |
| | AS00001FE | 0 | | | 14596-10-2 | 0.029 | 3.063 | | | Z Z |
| <u> </u> | AS00003PE | 0 | | | 14596-10-2 | 0.006 | 2.951 | | | Z |
| | SS40018AE | 0 | | | 14596-10-2 | 0.00246787 | 2.783 | pCi/g | i i | A |
| SS400393 | · · · · · · · · · · · · · · · · · · · | 0 | · | | 14596-10-2 | 0.6 | | pCi/g | | A |
| SS400593 SS400693 | SS40021AE | 0 | | | 14596-10-2 14596-10-2 | 0.5 | | pCi/g | | <u>A</u> |
| SS400793 | | 0 | | | 14596-10-2 | | 1.147 | pCi/g | | A A |
| | SS40024AE | | | ····· | 14596-10-2 | | 0.1974 | | | A |
| | SS40027AE | 0 | | | 14596-10-2 | | 0.03327 | pCi/g | | A |
| SS401293 | | 0 | | | 14596-10-2 | | 0.05839 | | | A |
| SS401393 SS401593 | | 0 | | | 14596-10-2 | | 0.2156 | | | <u> </u> |
| | SS40031AE SS40032AE | 0 | | | 14596-10-2 14596-10-2 | | 0.9783 2.132 | | | <u>A</u> A |
| SS401893 | | 0 | | | 14596-10-2 | | 16.43 | | | <u> </u> |
| SS402393 | | 0 | 2 IN | | 14596-10-2 | 0.00245313 | 1.381 | | | A |
| | SS40041AE | 0 | | | 14596-10-2 | 0 | 0.03634 | | | A |
| S\$402893 | | 0 | | | 14596-10-2 | 0.8 | | pCi/g | · | Α |
| SS402993 SS403093 | SS40045AE SS40046AE | 0 | - | | 14596-10-2 14596-10-2 | 0.3 ¹ | | pCi/g pCi/g | | |
| SS403093 | | 0 | | | 14596-10-2 | 0.005 | | pCi/g pCi/g | | |
| SS403293 | SS40048AE | Ö | | | 14596-10-2 | 0.014 | | pCi/g | | |
| S\$403393 | | 0 | | | 14596-10-2 | 0.008 | | pCi/g | 1 | V |
| SS403493 | | 0 | | | 14596-10-2 | 0.003 | 0.046 | | | |
| SS403593 SS403693 | SS40051AE SS40052AE | 0 | | | 14596-10-2 14596-10-2 | 0.003 | 0.046j 0.25 | | | / |
| | SS60062WC | 0 | | | 14596-10-2 | 0.012 | 0.25 | | | |
| | SS60202WC | 0 | | | 14596-10-2 | 0 | 0.1591 | | | |
| SS811193 | | 0 | | AMERICIUM-241 | 14596-10-2 | 0.02 | 0.15 | pCi/g | i N | / |
| 05093 | SS00002AE | 0 | 2 IN | CESIUM-134 | 13967-70-9 | 0.084 | 0.084 | pCi/g | U N | / |

·: ·

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides IAR DEPTH DEPTH RESULT LOCATION SAMPLE DETECTION VALIDATION NUMBER START END UNITS CAS NO. LIMIT RESULT UNITS QUALIFIER QUALIFIER CODE ANALYTE 0.076 05193 SS00003AE CESIUM-134 13967-70-9 0.003 pCi/g U 0 2(IN 0.075 pCi/g |U 13967-70-9 0.075 05393 SS00005AF 0 2 IN CESIUM-134 1.1 40093 SS40060AE ICESIUM-134 13967-70-9 0.088|pCi/g |U 0 2 IN 13967-70-9 0.079 0.079 pCi/g ìΖ 40293 SS40042AE 0 2 IN CESIUM-134 13967-70-9 0.11 0.11|pCi/g 40393 SS40053AE 0 2 IN ICESIUM-134 IZ 40693 \$\$40057AE O 2 IN CESIUM-134 13967-70-9 0.14 0.14 pCi/g Z SS40058AE 0 2 IN CESIUM-134 13967-70-9 0.14 0.14 pCi/g Z 40793 40893 ISS40004AE 0 2 IN CESIUM-134 13967-70-9 0.3 0.001 pCi/g |U SS40072AE ICESIUM-134 13967-70-9 0.15 0.15|pCi/g Z 40993 0 2IIN 41193 ISS40007AE 0 2 IN CESIUM-134 13967-70-9 0.11 0.006 pCi/g U IV 0.012 pCi/g |U 13967-70-9 0.24 ĪV 41293 ISS40071AE 0 2 IN CESIUM-134 41593 ISS40073AE 6IN ICESIUM-134 13967-70-9 0.11 0.11|pCi/g Z 4 0.005 pCi/g U 13967-70-9 0.099 41693 ISS40410AE 0 2 IN ICESIUM-134 I۷ 41793 SS40077AE 0 2 IN CESIUM-134 13967-70-9 0.05255 -0.0442 pCi/g Ш ĪA 13967-70-9 0.001 pCi/g |U 41993 SS40009AE 0 2 IN ICESIUM-134 0.087 IJ 13967-70-9 0.001 pCi/g U 42093 ISS40480AE CESIUM-134 0.08 2 IN 0 J 42293 SS40078AE 0 2 IN CESIUM-134 13967-70-9 0.0463 -0.0109 pCi/g U Z 42393 SS40079AE 0 2 IN CESIUM-134 13967-70-9 0.12 0.003 pCi/g U ĪV 42693 ISS40080AE 0 2 IN CESIUM-134 13967-70-9 0.14 0.006 pCi/g U ĪV 13967-70-9 0 0.001 pCi/g U 42993 SS40056AE 2 IN CESIUM-134 0.1 ١J 13967-70-9 43193 SS40084AF 0 2 IN CESIUM-134 0.05487 -0.239 pCi/g U IA 13967-70-9 0.0436 0.006742 pCi/g U 43493 SS40086AE 0 2 IN CESIUM-134 13967-70-9 43793 SS40088AE 2 IN CESIUM-134 0.091 0.007 pCi/g U ίV 0 13967-70-9 0.002 pCi/g U 43893 SS40010AE 0 2 IN CESIUM-134 0.11 IV 44093 SS40090AE 0 2 IN CESIUM-134 13967-70-9 0.077 0.077 pCi/g 13967-70-9 0.085 pCi/g U 44393 SS40005AE 0 2 IN CESIUM-134 13967-70-9 0.001 pCi/g U 44593 ISS40001AE 2 IN CESIUM-134 0.2 0 IJ 44893 SS40070AE 0 2IN CESIUM-134 13967-70-9 0.076 pCi/g U SS40094AE 0 2 IN CESIUM-134 13967-70-9 0.1 0.1 pCi/g Z 45693 45793 SS40015AE 2 IN ICESIUM-134 13967-70-9 0.075 0.075 pCi/g Z 0.099 pCi/g 13967-70-9 Z 46193 SS40096AE 2 IN ICESIUM-134 0.099 46693 SS40141AE 6IN CESIUM-134 13967-70-9 0.024 -0.00225 pCi/g |U W 0.021 0.001587(pCi/g 13967-70-9 īV 46793 SS40142AE 6 IN CESIUM-134 IU 13967-70-9 SS40143AE CESIUM-134 0.02162 -0.02 pCi/g U īV 46893 6 IN 13967-70-9 SS40145AF ICESIUM-134 0.02215 0.008233 pCi/g U īv 47093 0 1IIN 48195 AS00001PE 0 0|FT CESIUM-134 13967-70-9 0.0344 -0.0485 pCi/g U 13967-70-9 48295 AS00002PE 0 FT CESIUM-134 0.035 -0.0124 pCi/g U AS00003PE CESIUM-134 13967-70-9 0.0298 -0.00069 pCi/g U 48395 0 0 FT 13967-70-9 SS400393 |SS40019AE 0 2IN CESIUM-134 0.2 0.001 pCi/g U IJ SS400593 | SS40021AE 0 2 IN CESIUM-134 13967-70-9 0.2 0.001 pCi/g U IJ SS400693 | SS40022AE 0 2 IN CESIUM-134 13967-70-9 0.2 0.001 pCi/g U 13967-70-9 0.04881 SS400893 |SS40024AE 2 IN CESIUM-134 -0.00825 pCi/g |U 0 SS401193 |SS40027AE 0 2 IN CESIUM-134 13967-70-9 0.04574 -0.032 pCi/g U SS402593 SS40041AE 2 IN CESIUM-134 13967-70-9 0.03793 -0.0346 pCi/g | U 2 IN CESIUM-134 13967-70-9 0.075 0.002 pCi/g U SS402793 SS40043AE IJ 0 13967-70-9 0.001 pCi/g U SS402893 | SS40044AE 0 2 IN CESIUM-134 0.2 IJ SS402993 | SS40045AE 0 2 IN CESIUM-134 13967-70-9 0.1 0.001 pCi/g U SS403093 SS40046AE 2 IN CESIUM-134 13967-70-9 0.11 0.002 pCi/g | U J 0.002 pCi/g U SS403193 SS40047AE 13967-70-9 CESIUM-134 0 2 IN 0.074 IJ SS403293 | SS40048AE 0 2IIN CESIUM-134 13967-70-9 0.075 0.002 pCi/g | U SS403393 | SS40049AE 0 2IIN CESIUM-134 13967-70-9 0.079 0.002 pCi/g U IJ SS403493 | SS40050AE 0 2 IN CESIUM-134 13967-70-9 0.073 0.002 pCi/g U IJ SS403593 | SS40051AE 2 IN **ICESIUM-134** 13967-70-9 0.076 0 0.002 pCi/g U 1.1 SS403693 | SS40052AE 0 2 IN CESIUM-134 13967-70-9 0.074 0.002 pCi/g U 05093 SS00002AE 2 IN CESIUM-137 10045-97-3 0.1 0.59 pCi/g 0.0674 pCi/g U 05193 2 IN CESIUM-137 0.0954 V ISS00003AE 0 10045-97-3 05393 ISS00005AE 0 2 IN CESIUM-137 10045-97-3 0.106 0.21 pCi/g IV 40093 ISS40060AE 0 2IN CESIUM-137 10045-97-3 0.086 0.003 pCi/g U IV 40293 SS40042AE 0 2 IN CESIUM-137 10045-97-3 0.29 0.34 pCi/g J ĪV 40393 !SS40053AF CESIUM-137 10045-97-3 0.48 pCi/g |J ĨΫ 0 2 IN 0.25 40693 SS40057AE 0 2 IN CESIUM-137 10045-97-3 0.34 0.47 pCi/g IV 40793 SS40058AE 2 IN CESIUM-137 10045-97-3 0.36 0.79 pCi/g IV 0 0.38 pCi/g J 40893 SS40004AE 0 2 IN CESIUM-137 10045-97-3 0.016 įΑ 2 IN CESIUM-137 īV 40993 ISS40072AF O 10045-97-3 0.2 0.01 pCi/g | U 41193 SS40007AE 0 2 IN CESIUM-137 10045-97-3 0.39 0.39 pCi/g | J IV CESIUM-137 0.75 0.29 pCi/g | U 41293 SS40071AE 0 2IN 10045-97-3 īv 41593 SS40073AE 4 6IN CESIUM-137 10045-97-3 0.25 0.13 pCi/g U ĪV 41693 10045-97-3 0.25 0.094 pCi/g U īv SS40410AE 0 ICESIUM-137 2 IN CESIUM-137 41793 SS40077AE ō 2IN 10045-97-3 0.063 0.5486)pCi/g |X A 10045-97-3 0.001 pCi/g U 41993 SS40009AE 2IN CESIUM-137 0.1

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

| | | 1 | | | aporat | ion Ponds AOC - Anal | yticai Kesui | is for Surface | Sous - Rac | | | 17.50 |
|--|-------------|--|--|-------------|-------------|--|--------------|---|--------------------------|-------|--|-----------|
| CODE MUMBERS START END UNITS ANALYTE CAS NO. LUNITS CAULA PIER OUAL PIER CAS NO. CODIFICIO U V CAS NO. C | | 812-78 | | **** | | | **** | | | 100 | LAB~ | |
| | | | | | ." | | | | | × A | | |
| | CODE | NUMBER | START | | | | CAS NO: | To a contract of the contract | Company many property of | UNITS | QUALIFIER | QUALIFIER |
| | 42093 | SS40480AE | ; 0 | , 21 | N | CESIUM-137 | 10045-97-3 | 0.06 | 0.001 | pCi/g | U | J |
| ## ## ## ## ## ## ## # | 42193 | SS40012AE | ; 4 | 61 | N | CESIUM-137 | 10045-97-3 | 0.094 | 0.0885 | pCi/q | U | V |
| ## ## ## ## ## ## ## # | | | | | | | | 0.053 | | | U | Α |
| ## ## ## ## ## ## ## # | | | | | | | | | | | | |
| 12993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.19 0.014 pCig U V 42993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.099 0.010 pCig U J 43193 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.059 0.2008 pCig X A 43493 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.059 0.2008 pCig U V 43493 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.059 0.003 pCig U X 43493 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.057 0.00724 pCig U A 43793 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.17 0.172 pCig U X 43793 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.17 0.072 pCig U X 43793 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.18 0.005 pCig U X 43793 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.18 0.005 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.054 0.056 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.19 0.003 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.001 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.004 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.004 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.049 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.49 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.49 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.49 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.49 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.08 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.08 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.29 0.08 pCig U X 44993 S\$40098AE 0 2 N CESIUM-137 1904-67-3 0.020 0.08 pCig U X 44993 S\$40098AE 0 0 N CESIUM-137 1904-67-3 0.020 0.08 pCig | | | | | | | | <u> </u> | | | | |
| 1928 S\$40094AE C Z N CESIUM-197 1004-897-3 0.059 0.0098 CDIG U J A A A A A A A A A | | | | <u> </u> | ~ | | | · | | | _ | |
| 43938 S\$40094AE 0 2 N CESIUM-137 10045-97-3 0.059 0.2008 DCUIG X A 43938 S\$40098AE 0 2 N CESIUM-137 10045-97-3 0.0597 0.0032 DCUIG U A 43498 S\$40098AE 0 2 N CESIUM-137 10045-97-3 0.0507 0.00724 DCUIG U A 43698 S\$40098AE 0 2 N CESIUM-137 10045-97-3 0.107 0.00726 DCUIG U V 43793 S\$40098AE 0 2 N CESIUM-137 10045-97-3 0.107 0.003 DCUIG U V 43793 S\$40098AE 0 2 N CESIUM-137 10045-97-3 0.10 0.003 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.11 0.003 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.11 0.003 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.21 0.003 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.20 0.001 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.005 0.149 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.02 0.009 DCUIG U V 44898 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.02 0.009 DCUIG U V 446993 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.02 0.009 DCUIG U V 446993 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.02 0.009 DCUIG U V 446993 S\$40004AE 0 2 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 0.022 0.009 DCUIG U V 446993 S\$40014AE 4 6 N CESIUM-137 10045-97-3 | | | | | | | | | | | | |
| 43393 S\$400684E 0 2 IN CESIUM-137 10045-97-3 0.0507 0.00072 DCIU U V 43693 S\$400884E 4 6 IN CESIUM-137 10045-97-3 0.107 0.127 DCIU U V 43793 S\$400884E 0 2 IN CESIUM-137 10045-97-3 0.107 0.127 DCIU U V 43793 S\$400884E 0 2 IN CESIUM-137 10045-97-3 0.130 0.0005 DCIU U V 43893 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.130 0.0005 DCIU U V 44393 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.066 0.0002 DCIU U V 44393 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.066 0.0002 DCIU U V 44393 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.066 0.0002 DCIU U V 44393 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.066 0.0002 DCIU U V 44393 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.060 0.0002 DCIU U V 44393 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.02 0.0906 DCIU U V 44593 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.02 0.0906 DCIU U V 46593 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.02 0.0906 DCIU U V 46593 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.02 0.0906 DCIU U V 46593 S\$400984E 0 2 IN CESIUM-137 10045-97-3 0.02 0.0908 DCIU U V 46593 S\$400444E 4 6 IN CESIUM-137 10045-97-3 0.022 0.09090 DCIU U V 46593 S\$401444E 4 6 IN CESIUM-137 10045-97-3 0.022 0.09090 DCIU U V 48266 A\$00000PE 0 0.09000PE 0 | | | | | | | | <u> </u> | | | | |
| | 43193 | SS40084AE | 0 | 21 | N | CESIUM-137 | 10045-97-3 | 0.059 | 0.2008 | pCi/g | | |
| ASSESSION ASSE | 43393 | SS40087AE | 4 | 6 1 | N | CESIUM-137 | 10045-97-3 | 0.093 | 0.003 | pCi/g | U | V |
| ASSESSION ASSE | 43493 | ISS40086AE | . 0 | 21 | N | CESIUM-137 | 10045-97-3 | 0.0507 | -0.00724 | pCi/a | U | A |
| 43793 SSA0098AE 0 Z N CESIUM-137 10045-97-3 0.141 0.005 CUIg U V V V V V V V V V | | | | | | | | | | | | |
| #3898 \$\$4001048 0 2 N CESIUM-137 10045-97-3 0.096 0.002/pCig U V 44993 \$\$4000048 0 2 N CESIUM-137 10045-97-3 0.096 0.002/pCig U V 44993 \$\$4000148 0 2 N CESIUM-137 10045-97-3 0.11 0.003/pCig U V 44993 \$\$4000148 0 2 N CESIUM-137 10045-97-3 0.2 0.001/pCig U V 44993 \$\$4000148 0 2 N CESIUM-137 10045-97-3 0.2 0.001/pCig U V 44993 \$\$400948 0 2 N CESIUM-137 10045-97-3 0.2 0.096/pCig U V 45993 \$\$5400948 0 2 N CESIUM-137 10045-97-3 0.2 0.096/pCig U V 45993 \$\$5400948 0 2 N CESIUM-137 10045-97-3 0.2 0.096/pCig U V 46993 \$\$5400948 0 2 N CESIUM-137 10045-97-3 0.2 0.052/pCig U V 46993 \$\$5400948 0 2 N CESIUM-137 10045-97-3 0.22 0.052/pCig U V 46993 \$\$54019478 4 6 N CESIUM-137 10045-97-3 0.022 0.052/pCig U V 46993 \$\$54019478 4 6 N CESIUM-137 10045-97-3 0.022 0.052/pCig U V 46993 \$\$54019478 4 6 N CESIUM-137 10045-97-3 0.0220 0.059/pCig U V 46993 \$\$5401948 4 6 N CESIUM-137 10045-97-3 0.0220 0.059/pCig U V 46993 \$\$5401948 4 6 N CESIUM-137 10045-97-3 0.0220 0.0097/pCig U V 46993 \$\$5401948 4 6 N CESIUM-137 10045-97-3 0.0220 0.0097/pCig U V 44993 \$\$5401948 4 6 N CESIUM-137 10045-97-3 0.0220 0.0097/pCig U V 44993 \$\$4001948 0 0 0 0 0 0 0 0 0 | | . | | | | | | <u> </u> | | | | |
| #4993 S\$40096AE 0 2 N C\$SUM-137 10045-97-3 0.11 0.003-pCt/g U V V 44930 S\$40005AE 0 2 N C\$SUM-137 10045-97-3 0.11 0.003-pCt/g U V V 44930 S\$40070AE 0 2 N C\$SUM-137 10045-97-3 0.02 0.001-pCt/g U V V 44930 S\$40070AE 0 2 N C\$SUM-137 10045-97-3 0.05 0.149-pCt/g U V V 45930 S\$40015AE 0 2 N C\$SUM-137 10045-97-3 0.05 0.090-pCt/g U V V 45930 S\$40015AE 0 2 N C\$SUM-137 10045-97-3 0.15 0.24-pCt/g J V V 46933 S\$40015AE 0 2 N C\$SUM-137 10045-97-3 0.15 0.24-pCt/g J V V 46933 S\$40015AE 0 2 N C\$SUM-137 10045-97-3 0.022 0.059-pCt/g J V V 46933 S\$40014AE 4 6 N C\$SUM-137 10045-97-3 0.022 0.059-pCt/g J V V 46933 S\$4014AE 4 6 N C\$SUM-137 10045-97-3 0.022 0.059-pct/g J V V 46933 S\$4014AE 4 6 N C\$SUM-137 10045-97-3 0.0223 0.0593-pCt/g V V V 47043 S\$4014AE 4 6 N C\$SUM-137 10045-97-3 0.0223 0.0593-pCt/g U V V 47043 S\$4014AE 0 N C\$SUM-137 10045-97-3 0.0223 0.0593-pCt/g U V V 48265 A\$00002PE 0 O PT C\$SUM-137 10045-97-3 0.0323 0.00373-pCt/g U V V 48265 A\$00002PE 0 O PT C\$SUM-137 10045-97-3 0.0323 0.00373-pCt/g U V V 48265 A\$00002PE 0 O PT C\$SUM-137 10045-97-3 0.0330 0.0037-pCt/g U V V 48265 A\$00002PE 0 O PT C\$SUM-137 10045-97-3 0.0320 0.007-pc/g U V V 48265 A\$00002PE 0 O PT C\$SUM-137 10045-97-3 0.030 0.007-pc/g U V V 48265 A\$00003PE O PT C\$SUM-137 10045-97-3 0.030 0.007-pc/g U V V 48265 A\$00003PE O O PT C\$SUM-137 10045-97-3 0.030 0.007-pc/g U V V A\$0045 A\$0003PE O O PT C\$SUM-137 10045-97-3 0.050 0.007-pc/g U V V A\$0045 A\$0003PE O O PT C\$SUM-137 10045-97-3 0.050 0.007-pc/g U V V A\$0045 A\$0003PE O O PT C\$SUM-137 | | · | | <u> </u> | | | | | | | | |
| 44939 \$5400014E 0 2 N CESIUM-137 10045-97-3 0.2 0.001 DO3 DC1 U V | | <u></u> | | | | | | <u> </u> | | | | |
| #4983 \$\$400704E 0 2 N CESIUM-137 10045-97-3 0.095 0.149 DE U V 48983 \$\$400704E 0 2 N CESIUM-137 10045-97-3 0.095 0.149 DE U V 48983 \$\$400154E 0 2 N CESIUM-137 10045-97-3 0.2 0.086 DE U V 48793 \$\$400154E 0 2 N CESIUM-137 10045-97-3 0.15 0.24 DE U V 48793 \$\$400154E 0 2 N CESIUM-137 10045-97-3 0.15 0.24 DE U V 48993 \$\$400147E 41 61 N CESIUM-137 10045-97-3 0.023 0.0832 DE V V 48693 \$\$400147E 41 61 N CESIUM-137 10045-97-3 0.023 0.0832 DE V V 48693 \$\$401426E 41 61 N CESIUM-137 10045-97-3 0.0223 0.0893 DE V V 48693 \$\$401426E 41 61 N CESIUM-137 10045-97-3 0.0223 0.0999 DE V V 47093 \$\$5401436E 41 61 N CESIUM-137 10045-97-3 0.0223 0.09978 DE V V 47093 \$\$5401436E 0 0 FT CESIUM-137 10045-97-3 0.0232 0.09978 DE U V 48295 AS00007PE 0 O FT CESIUM-137 10045-97-3 0.0323 0.00378 DE U V 48295 AS00007PE 0 O FT CESIUM-137 10045-97-3 0.0325 0.00788 DE U V 48295 AS00007PE 0 O FT CESIUM-137 10045-97-3 0.0325 0.00788 DE U V 48295 AS00007PE 0 O FT CESIUM-137 10045-97-3 0.0325 0.00788 DE U V 48295 AS00007PE 0 O FT CESIUM-137 10045-97-3 0.0325 0.00788 DE U V 48295 AS00007PE 0 O FT CESIUM-137 10045-97-3 0.0325 0.00788 DE U V V 48295 AS00007PE O O FT CESIUM-137 10045-97-3 0.0325 0.00788 DE U V V AS30003PE O O FT CESIUM-137 10045-97-3 0.0304 0.0327 DE U V V AS30003PE O O FT CESIUM-137 10045-97-3 0.0304 0.0327 DE U V V AS30003PE O O FT CESIUM-137 10045-97-3 0.050003PE U U V AS50003PE O O FT CESIUM-137 10045-97-3 0.050003PE U U V AS50003PE O O FT CESIUM-137 10045-97-3 0.0078 DE U U U AS50003PE O O FT CESIUM-137 10045 | | SS40090AE | j 0 | 21 | N . | CESIUM-137 | 10045-97-3 | 0.096 | 0.002 | pCi/g | | |
| 144983 S\$40090AE 0 2 IN CESIUM-137 10045-97-3 0.098 0.149]c/iig IV V 45698 S\$40090AE 0 2 IN CESIUM-137 10045-97-3 0.15 0.24]c/iig IV V 45793 S\$40015AE 0 2 IN CESIUM-137 10045-97-3 0.15 0.24]c/iig IV V 46693 S\$40016AE 0 2 IN CESIUM-137 10045-97-3 0.02 0.45]c/iig IV V 46693 S\$40016AE 0 2 IN CESIUM-137 10045-97-3 0.023 0.0832]c/iig IV V 46693 S\$40142AE 4 6IN CESIUM-137 10045-97-3 0.022 0.09819[c/iig X V 46693 S\$40142AE 4 6IN CESIUM-137 10045-97-3 0.022 0.09819[c/iig X V 46693 S\$40142AE 4 6IN CESIUM-137 10045-97-3 0.0223 0.080807[c/iig X V 46693 S\$40145AE 0 1/IN CESIUM-137 10045-97-3 0.0223 0.080807[c/iig IV V 46195 AS00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0223 0.080807[c/iig IV V 48195 AS00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.08080[c/iig IV V 48395 AS00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.00768[c/iig IV V 48395 AS00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.00768[c/iig IV V 48395 AS00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.00768[c/iig IV V 48395 AS00002PE 0 2.IN CESIUM-137 10045-97-3 0.0322 0.00768[c/iig IV V 48395 AS00002PE 0 2.IN CESIUM-137 10045-97-3 0.0322 0.00768[c/iig IV V 48395 AS0002AB 0 2.IN CESIUM-137 10045-97-3 0.0320 0.0016c/iig IV IV IV IV IV IV IV I | 44393 | SS40005AE | i 0 | 21 | N | CESIUM-137 | 10045-97-3 | 0.11 | 0.003 | pCi/g | U | V |
| 44683 S\$4009AAE 0 2 N CESIUM-137 10045-97-3 0.098 0.148]pCitg V V 45693 S\$4009AAE 0 2 N CESIUM-137 10045-97-3 0.15 0.24]pCitg V V 45793 S\$4009AE 0 2 N CESIUM-137 10045-97-3 0.15 0.24]pCitg J V 46693 S\$4009AE 0 2 N CESIUM-137 10045-97-3 0.023 0.0832]pCitg J V 46693 S\$4014AE 4 6!N CESIUM-137 10045-97-3 0.023 0.0832]pCitg X V 46693 S\$4014AE 4 6!N CESIUM-137 10045-97-3 0.022 0.09819pCitg X V 46693 S\$4014AE 4 6!N CESIUM-137 10045-97-3 0.022 0.09819pCitg X V 46693 S\$4014AE 4 6!N CESIUM-137 10045-67-3 0.02231 0.06807]pCitg V V 46893 S\$4014AE 4 6!N CESIUM-137 10045-67-3 0.02221 0.06807]pCitg V V 44896 A\$50002PE 0 0.0PT CESIUM-137 10045-67-3 0.02239 0.06873pCitg U V V 44896 A\$50002PE 0 0.0PT CESIUM-137 10045-67-3 0.03229 0.06786]pCitg U V 44896 A\$50002PE 0 0.0PT CESIUM-137 10045-67-3 0.0322 0.00768]pCitg U V 44896 A\$50002PE 0 0.0PT CESIUM-137 10045-67-3 0.0322 0.00768]pCitg U V 48396 A\$50002PE 0 0.0PT CESIUM-137 10045-67-3 0.0322 0.00768]pCitg U V 48396 A\$50002PE 0 0.0PT CESIUM-137 10045-67-3 0.0322 0.00768]pCitg U V 48396 A\$50003PE 0 2!N CESIUM-137 10045-67-3 0.0320 0.00768]pCitg U V 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.0320 0.00768]pCitg U V 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.0320 0.00768]pCitg U A 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.050 0.03209[pCitg U A 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.056 0.03209[pCitg U A 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.056 0.03209[pCitg U A 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.056 0.03209[pCitg U A 48396 A\$50002PE 0 2!N CESIUM-137 10045-67-3 0.056 0.03209[pCitg U A 48396 A\$5 | 44593 | SS40001AE | 0 | 21 | N | CESIUM-137 | 10045-97-3 | 0.2 | 0.001 | pCi/g | U | J |
| | | | | | | | | | | | | |
| 46793 S\$40096AE 0 2 N CESIUM-137 10045-97-3 0.28 0.45 Cig J V 46893 S\$40096AE 0 2 N CESIUM-137 10045-97-3 0.029 0.45 Cig J V 46893 S\$40142AE 4 6 N CESIUM-137 10045-97-3 0.022 0.09819-0 Cig X V 46893 S\$40142AE 4 6 N CESIUM-137 10045-97-3 0.022 0.09819-0 Cig X V 46893 S\$40143AE 4 6 N CESIUM-137 10045-97-3 0.022 0.09819-0 Cig X V 46893 S\$40143AE 4 6 N CESIUM-137 10045-97-3 0.0222 0.09819-0 Cig X V 46893 S\$40145AE 4 6 N CESIUM-137 10045-97-3 0.02229 0.09879-0 Cig U V 48195 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0229 0.09879-0 Cig U V 48195 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0329 0.09879-0 Cig U V 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.09789-0 Cig U V 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.09789-0 Cig U V 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.09789-0 Cig U V 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.09789-0 Cig U V 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.0322 0.09789-0 Cig U V 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.020 0.09789-0 Cig U A 48395 A\$00002PE 0 0.0FT CESIUM-137 10045-97-3 0.00 0.0230-0 Cig U A 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.00780-0 Cig U J 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.00780-0 Cig U J A 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.00780-0 Cig U A 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.00780-0 Cig U A 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.00780-0 Cig U A 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.00780-0 Cig U A 48395 A\$00002PE 0 2.1N CESIUM-137 10045-97-3 0.0 0.0070-0 Cig U A 48395 A\$0000 | | | | | | | | | | | | |
| 46893 S\$40098AE 0 2 N CESIUM-137 10045-97-3 0.28 0.45 DC/Ig V V 46893 S\$40141AE 4 6 N CESIUM-137 10045-97-3 0.022 0.08919 DC/Ig V V 46893 S\$40143AE 4 6 N CESIUM-137 10045-97-3 0.022 0.08919 DC/Ig V V 46893 S\$40143AE 4 6 N CESIUM-137 10045-97-3 0.0223 0.08909 DC/Ig U V 47093 S\$40143AE 0 1 IN CESIUM-137 10045-97-3 0.02239 0.08978 DC/Ig U V 48295 A\$00001PE 0 0 PT CESIUM-137 10045-97-3 0.0239 0.08978 DC/Ig U V 48295 A\$00001PE 0 0 PT CESIUM-137 10045-97-3 0.0387 0.00239 D00878 DC/Ig U V 48295 A\$00003PE 0 0 PT CESIUM-137 10045-97-3 0.0343 0.02372 DC/Ig U V 48295 A\$00003PE 0 0 PT CESIUM-137 10045-97-3 0.0343 0.02372 DC/Ig U V 48295 A\$00003PE 0 0 PT CESIUM-137 10045-97-3 0.022 0.0076 DC/Ig U V 48295 A\$00003PE 0 0 PT CESIUM-137 10045-97-3 0.022 0.0076 DC/Ig U V 48295 A\$00003PE 0 0 PT CESIUM-137 10045-97-3 0.02 0.0076 DC/Ig U V 48295 A\$00003PE 0 2 IN CESIUM-137 10045-97-3 0.20 0.0076 DC/Ig U V 48295 A\$00003PE 0 2 IN CESIUM-137 10045-97-3 0.20 0.0076 DC/Ig U J 58400738 S\$40022AE 0 2 IN CESIUM-137 10045-97-3 0.20 0.0076 DC/Ig U J 58400738 S\$40022AE 0 2 IN CESIUM-137 10045-97-3 0.05 0.0323 DC/Ig U A 485000000000000000000000000000000000000 | | | <u></u> | | | | | | | | | |
| Gebrus G | | · | | | | | | | | | ·· | |
| 168793 S\$40143AE | | | | | | | | | | | | |
| 46793 S\$40142AE | 46693 | SS40141AE | 4 | 6 1 | N | CESIUM-137 | 10045-97-3 | 0.023 | 0.0832 | pCi/g | X | V 1 |
| 46893 S\$40143AE 4 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | | | V |
| \$7093 \$\$40145AE 0 | | | | | | ····· | | | | | | |
| H8195 ASO0001PE | | | | | | | | | | | | |
| 18295 ASD0002PE | | | | · | | ······ | | | | | | |
| #8395 | | | | L | | | | | | | | |
| SS400238 SS40018AE 0 2 N CESIUM-137 10045-97-3 0.07 0.6792 pCi/g X A A SS400385 SS40021AE 0 2 N CESIUM-137 10045-97-3 0.2 0.001 pCi/g U J SS40083 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.2 0.001 pCi/g U J SS40083 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.2 0.001 pCi/g U J SS40083 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.2 0.001 pCi/g U J SS40083 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0323 pCi/g U A SS40083 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.058 0.419 pCi/g A SS401933 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.058 0.419 pCi/g A SS401283 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.058 0.419 pCi/g A SS401283 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.059 0.02006 pCi/g U A SS401583 SS40023AE 0 2 N CESIUM-137 10045-97-3 0.057 0.059 0.02006 pCi/g U A SS401583 SS40031AE 0 2 N CESIUM-137 10045-97-3 0.05 0.22060 pCi/g U A SS401683 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.22159 pCi/g X A SS401883 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.22159 pCi/g X A SS401883 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2053 pCi/g X A SS402938 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2053 pCi/g X A SS402938 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2053 pCi/g X A SS402933 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2053 pCi/g X A SS402933 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0205 pCi/g X A SS402933 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0205 pCi/g X A SS402933 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0205 pCi/g X A SS402933 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0205 pCi/g X X SS403933 SS4004AE 0 2 N CESIUM-137 10045-97-3 | | AS00002PE |) 0 |) O F | - ग | CESIUM-137 | 10045-97-3 | 0.0343 | 0.02372 | pCi/g | U | Υ |
| SS400238 SS40018AE 0 2 N CESIUM-137 10045-97-3 0.07 0.6792 pCi/g X A A SS400583 SS40021AE 0 2 N CESIUM-137 10045-97-3 0.2 0.001 pCi/g U J SS400583 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.2 0.001 pCi/g U J SS400683 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.001 pCi/g U J SS400683 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.001 pCi/g U J SS400683 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.051 pCi/g U J A SS400683 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.419 pCi/g A SS401933 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.058 0.419 pCi/g A SS401283 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.058 0.419 pCi/g A SS401283 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02006)pCi/g U A SS401593 SS40023AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02006)pCi/g U A SS401593 SS40031AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02169)pCi/g X A SS401693 SS4003AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.02169)pCi/g U A SS401693 SS4003AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488)pCi/g U A SS401693 SS4003AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 pCi/g X A SS402938 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 pCi/g X A SS402938 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 pCi/g U A SS402933 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 pCi/g U A SS402933 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.0259 pCi/g U V SS40283 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.0259 pCi/g U V SS40283 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.05 0.029 pCi/g U V SS40283 SS4004AAE 0 2 N CESIUM-137 10045-97-3 0.06 0.029 pCi/g U V SS402833 SS4004AAE 0 2 N CESIU | 48395 | AS00003PE | 0 | OF | -T | CESIUM-137 | 10045-97-3 | 0.0322 | 0.00768 | pCi/g | U | Y |
| SSA00338 SSA0019AE C | | | 0 | | | | 10045-97-3 | | | | | Δ |
| SS400693 SS40021AE C 2 N CESIUM-137 10045-97-3 0.2 0.011pCi/g U J | | | | | | | | | | | | |
| SS400938 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.2 0.0011pCi/g U J | | | | <u> </u> | | | | | | | | |
| SS400738 SS40023AE 0 | | | | | | | | | | | | |
| SS400283 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.056 0.419 pCi/g A SS401193 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.039 0.1845 pCi/g A SS401283 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0206 pCi/g U A SS401393 SS40022AE 0 2 N CESIUM-137 10045-97-3 0.07 0.007605 pCi/g U A SS401593 SS40032AE 0 2 N CESIUM-137 10045-97-3 0.07 0.007605 pCi/g U A SS401693 SS40032AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2019 pCi/g X A SS401693 SS40032AE 0 2 N CESIUM-137 10045-97-3 0.05 0.007189 pCi/g U A SS401693 SS40032AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0208 pCi/g X A SS401283 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0208 pCi/g X A SS401283 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0208 pCi/g U A SS402283 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0238 pCi/g U A SS402283 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.02 0.2907 U V SS402283 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.23 0.2907 U V SS40283 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0208 U V SS402393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.00 0.001 pCi/g U V SS402393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.00 0.001 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.00 0.001 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.16 0.078 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.1 | | | | | | | 10045-97-3 | | | | | |
| SS401939 SS40027AE 0 2 N CESIUM-137 10045-97-3 0.039 0.1645 pCi/g A | SS400793 | SS40023AE | 0 | 2 1 | N | CESIUM-137 | 10045-97-3 | 0.05 | -0.0323 | pCi/g | U | Α ! |
| SS401939 SS40027AE 0 2 N CESIUM-137 10045-97-3 0.039 0.1645 pCi/g A SS401293 SS40028AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0206 pCi/g U A SS401593 SS40029AE 0 2 N CESIUM-137 10045-97-3 0.07 0.007605 pCi/g U A SS401593 SS40031AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02159 pCi/g X A SS401693 SS40033AE 0 2 N CESIUM-137 10045-97-3 0.05 0.007169 pCi/g X A SS401693 SS40033AE 0 2 N CESIUM-137 10045-97-3 0.05 0.007169 pCi/g X A SS401693 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0263 pCi/g X A SS402933 SS40034AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0268 pCi/g U A SS402933 SS40041AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0248 pCi/g U A SS402939 SS40043AE 0 2 N CESIUM-137 10045-97-3 0.042 0.03373 pCi/g U A SS402933 SS40044AE 0 2 N CESIUM-137 10045-97-3 0.02 0.02pCi/g U V | SS400893 | SS40024AE | 0 | 2 1 | N | CESIUM-137 | 10045-97-3 | 0.056 | 0.419 | pCi/a | | A |
| SS401293 SS40028AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02068 CC g U IA SS401333 SS40029AE 0 2 N CESIUM-137 10045-97-3 0.07 0.007605 CC g U IA SS401693 SS40031AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2159 CC g X IA SS401693 SS40032AE 0 2 N CESIUM-137 10045-97-3 0.05 0.2159 CC g U IA SS401693 SS40032AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0253 CC g U IA SS401893 SS4003AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0253 CC g U IA SS402393 SS40039AE 0 2 N CESIUM-137 10045-97-3 0.05 0.0253 CC g U IA SS402393 SS40039AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 CC g U IA SS402593 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 CC g U V SS402593 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.02 0.02488 CC g U V SS402593 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.23 0.22 CC g IA SS402939 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.09 0.001 CC g U V SS403093 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.09 0.001 CC g U J SS403093 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.05 0.32 CC g J V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.16 0.078 CC g J V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 CC g J V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 CC g J V SS403393 SS4004AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 CC g J V SS403393 SS4005AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 CC g J V SS403393 SS4005AE 0 2 N CESIUM-137 10045-97-3 0.19 0.057 CC g U V SS403393 SS4005AE 0 2 N CESIUM-137 10045-97-3 0.19 0.057 CC g U V SS403393 SS4005AE 0 2 N CESIUM-137 10045-97-3 0.19 0.057 CC g U V SS403393 SS4005AE 0 2 N CESIUM-137 10045-97-3 0.19 0.057 CC g U V SS403393 SS4005AE | | | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | ~~~~~ | | | |
| SS401393 SS40029AE 0 | | | | · | | ······································ | | <u> </u> | | oCi/o | | |
| SS401593 SS40031AE 0 2 IN CESIUM-137 10045-97-3 0.05 0.2159 pCi/g X A | | | | | | | | | 0.02000 | DCI/G | | |
| SS401693 SS40034AE 0 2 IN CESIUM-137 10045-97-3 0.05 0.007188]pCi/g U A SS401893 SS40034AE 0 2 IN CESIUM-137 10045-97-3 0.05 0.2053]pCi/g X A SS402593 SS40041AE 0 2 IN CESIUM-137 10045-97-3 0.05 0.02488]pCi/g U A SS402593 SS40041AE 0 2 IN CESIUM-137 10045-97-3 0.042 0.03373]pCi/g U A SS402593 SS40041AE 0 2 IN CESIUM-137 10045-97-3 0.042 0.03373]pCi/g U A SS402593 SS40044AE 0 2 IN CESIUM-137 10045-97-3 0.23 0.2 DCi/g U V SS402693 SS4004AE 0 2 IN CESIUM-137 10045-97-3 0.05 0.52 DCi/g D V SS402693 SS40045AE 0 2 IN CESIUM-137 10045-97-3 0.09 0.001 DCi/g U J SS403693 SS40045AE 0 2 IN CESIUM-137 10045-97-3 0.05 DCi/g J V SS403693 SS40045AE 0 2 IN CESIUM-137 10045-97-3 0.16 0.076 DCi/g U V SS403693 SS40045AE 0 2 IN CESIUM-137 10045-97-3 0.16 0.076 DCi/g U V SS403693 SS40045AE 0 2 IN CESIUM-137 10045-97-3 0.16 0.076 DCi/g U V SS403693 SS40046AE 0 2 IN CESIUM-137 10045-97-3 0.16 0.076 DCi/g U V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.16 0.076 DCi/g U V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.14 0.14 DCi/g J V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.14 0.14 DCi/g J V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.20 DCi/g U V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.20 DCi/g U V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.20 DCi/g U V SS403693 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.20 DCI/G DCI/G U V SS403693 SS40050AE 0 DCI/G D | | | | | | | | | | | | |
| SS401893 SS40034AE | \$\$401593 | SS40031AE | 0 | | | CESIUM-137 | 10045-97-3 | | | | | |
| SS402393 SS40039AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 pCi/g U A SS402593 SS40041AE 0 2 N CESIUM-137 10045-97-3 0.042 0.03373 pCi/g U A SS402693 SS40043AE 0 2 N CESIUM-137 10045-97-3 0.23 0.2 pCi/g U V SS402893 SS40044AE 0 2 N CESIUM-137 10045-97-3 0.23 0.2 pCi/g U J SS402893 SS40045AE 0 2 N CESIUM-137 10045-97-3 0.09 0.0011pCi/g U J SS403993 SS40045AE 0 2 N CESIUM-137 10045-97-3 0.09 0.0011pCi/g U J SS403993 SS40045AE 0 2 N CESIUM-137 10045-97-3 0.25 0.32 pCi/g U V SS403193 SS40047AE 0 2 N CESIUM-137 10045-97-3 0.16 0.078 pCi/g U V SS403293 SS40048AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403293 SS40048AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS40049AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.16 0.057 pCi/g U V SS403393 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.16 0.057 pCi/g U V SS403393 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.25 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.25 pCi/g J V SS403693 SS40050AE 0 2 N GROSS ALPHA 10-78-6 5 26 pCi/g Z S4050002PE 0 0 FT GROSS ALPHA 10-78-6 5 26 pCi/g Z S405003PE 0 0 FT GROSS ALPHA 12587-46-1 3 3.9 3.5 pCi/g A S40050AE 0 2 N GROSS ALPHA 12587-46-1 3 3.9 pCi/g A S40050AE 0 2 N GROSS ALPHA 12587-46-1 3 3.9 pCi/g A S40050AE 0 2 N GROSS ALPHA 1 | SS401693 | SS40032AE | 0 | 2 1 | N | CESIUM-137 | 10045-97-3 | 0.05 | 0.007189 | pCi/g | U | A |
| SS402393 SS40039AE 0 2 N CESIUM-137 10045-97-3 0.05 0.02488 pCi/g U A SS402593 SS40041AE 0 2 N CESIUM-137 10045-97-3 0.042 0.03373 pCi/g U A SS402693 SS40043AE 0 2 N CESIUM-137 10045-97-3 0.23 0.2 pCi/g U V SS402893 SS40044AE 0 2 N CESIUM-137 10045-97-3 0.23 0.2 pCi/g U J SS402893 SS40045AE 0 2 N CESIUM-137 10045-97-3 0.09 0.0011pCi/g U J SS403993 SS40045AE 0 2 N CESIUM-137 10045-97-3 0.09 0.0011pCi/g U J SS403993 SS40045AE 0 2 N CESIUM-137 10045-97-3 0.25 0.32 pCi/g U V SS403193 SS40047AE 0 2 N CESIUM-137 10045-97-3 0.16 0.078 pCi/g U V SS403293 SS40048AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403293 SS40048AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS40049AE 0 2 N CESIUM-137 10045-97-3 0.18 0.18 pCi/g U V SS403393 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.16 0.057 pCi/g U V SS403393 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.16 0.057 pCi/g U V SS403393 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.25 pCi/g J V SS403693 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.2 0.25 pCi/g J V SS403693 SS40050AE 0 2 N GROSS ALPHA 10-78-6 5 26 pCi/g Z S4050002PE 0 0 FT GROSS ALPHA 10-78-6 5 26 pCi/g Z S405003PE 0 0 FT GROSS ALPHA 12587-46-1 3 3.9 3.5 pCi/g A S40050AE 0 2 N GROSS ALPHA 12587-46-1 3 3.9 pCi/g A S40050AE 0 2 N GROSS ALPHA 12587-46-1 3 3.9 pCi/g A S40050AE 0 2 N GROSS ALPHA 1 | S5401893 | ISS40034AE | . 0 | 2 1 | N | CESIUM-137 | 10045-97-3 | 0.05 | 0.2053 | pCi/q | X | Α : |
| SS402593 SS40043AE 0 2 IN CESIUM-137 10045-97-3 0.042 0.03373 pCi/g U IA | | | 0 | | | | | 0.05 | | | | |
| SS402793 SS40043AE | | ` | | | | | | | | | | |
| SS402893 SS40044AE 0 2 IN CESIUM-137 10045-97-3 0.52 pCi/g IA | | | | | | ····· | | | ~~~~~~ | | | |
| SS402993 SS40046AE O 2 N CESIUM-137 10045-97-3 O.09 O.001 pCi/g U J | | | | | | | | <u></u> | | | | |
| S\$403093 S\$40046AE 0 2 N CESIUM-137 10045-97-3 0.25 0.32 DCi/g J V | | | 0 | | | CESIUM-137 | 10045-97-3 | | 0.52 | pCi/g | | <u> </u> |
| SS403193 SS40047AE O 2 IN CESIUM-137 10045-97-3 O.16 O.078 pCi/g U V SS403293 SS40048AE O 2 IN CESIUM-137 10045-97-3 O.18 O.18 pCi/g J V SS403393 SS40049AE O 2 IN CESIUM-137 10045-97-3 O.16 O.057 pCi/g U V SS403393 SS40050AE O 2 IN CESIUM-137 10045-97-3 O.16 O.057 pCi/g U V SS403593 SS40050AE O 2 IN CESIUM-137 10045-97-3 O.14 O.14 pCi/g J V SS403593 SS40051AE O 2 IN CESIUM-137 10045-97-3 O.22 O.26 pCi/g J V SS403693 SS40052AE O 2 IN CESIUM-137 10045-97-3 O.23 O.22 pCi/g U V SS403693 SS40052AE O O.167 GROSS ALPHA 10-78-6 5 26 pCi/g J Z 48295 AS00002PE O O.167 GROSS ALPHA 10-78-6 5 26 pCi/g J Z 48395 AS00002PE O O.167 GROSS ALPHA 10-78-6 3 9.5 pCi/g J Z 48395 AS00002PE O O.167 GROSS ALPHA 10-78-6 7.5 23.5 pCi/g J Z 48395 AS00003PE O O.167 GROSS ALPHA 10-78-6 7.5 23.5 pCi/g J Z 48395 AS00003PE O O.167 GROSS ALPHA 12587-46-1 4.74 67.6 pCi/g A A A A A A A A A | S\$402993 | SS40045AE | 0 | 2 1 | N | CESIUM-137 | 10045-97-3 | 0.09 | 0.001 | pCi/g | U | J |
| SS403193 SS40047AE O 2 IN CESIUM-137 10045-97-3 O.16 O.078 pCi/g U V SS403293 SS40048AE O 2 IN CESIUM-137 10045-97-3 O.18 O.18 pCi/g J V SS403393 SS40049AE O 2 IN CESIUM-137 10045-97-3 O.16 O.057 pCi/g U V SS403393 SS40050AE O 2 IN CESIUM-137 10045-97-3 O.16 O.057 pCi/g U V SS403593 SS40050AE O 2 IN CESIUM-137 10045-97-3 O.14 O.14 pCi/g J V SS403593 SS40051AE O 2 IN CESIUM-137 10045-97-3 O.22 O.26 pCi/g J V SS403693 SS40052AE O 2 IN CESIUM-137 10045-97-3 O.23 O.22 pCi/g U V SS403693 SS40052AE O O.167 GROSS ALPHA 10-78-6 5 26 pCi/g J Z 48295 AS00002PE O O.167 GROSS ALPHA 10-78-6 5 26 pCi/g J Z 48395 AS00002PE O O.167 GROSS ALPHA 10-78-6 3 9.5 pCi/g J Z 48395 AS00002PE O O.167 GROSS ALPHA 10-78-6 7.5 23.5 pCi/g J Z 48395 AS00003PE O O.167 GROSS ALPHA 10-78-6 7.5 23.5 pCi/g J Z 48395 AS00003PE O O.167 GROSS ALPHA 12587-46-1 4.74 67.6 pCi/g A A A A A A A A A | S\$403093 | SS40046AE | : 0 | 21 | N | CESIUM-137 | 10045-97-3 | 0.25 | 0.32 | pCi/a | J | V |
| SS403293 SS40048AE | ···· | | | | | ······ | | | | | | |
| SS403393 SS40049AE 0 2 N CESIUM-137 10045-97-3 0.16 0.057 pCi/g U V SS403493 SS40050AE 0 2 N CESIUM-137 10045-97-3 0.14 0.14 pCi/g J V SS403593 SS40051AE 0 2 N CESIUM-137 10045-97-3 0.22 0.26 pCi/g J V SS403693 SS40052AE 0 2 N CESIUM-137 10045-97-3 0.23 0.22 pCi/g U V V 48495 AS00001PE 0 0 FT GROSS ALPHA 10-78-6 5 26 pCi/g Z 48295 AS00002PE 0 0 FT GROSS ALPHA 10-78-6 3 9.5 pCi/g Z 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | |
| SS403493 SS40050AE 0 2 IN CESIUM-137 10045-97-3 0.14 0.14 pCi/g J V SS403593 SS40051AE 0 2 IN CESIUM-137 10045-97-3 0.2 0.26 pCi/g J V SS403693 SS40052AE 0 2 IN CESIUM-137 10045-97-3 0.23 0.22 pCi/g U V SS403693 SS40052AE 0 2 IN CESIUM-137 10045-97-3 0.23 0.22 pCi/g U V SS403693 SS40052AE 0 0 FT GROSS ALPHA 10-78-6 5 26 pCi/g Z R8295 AS00002PE 0 0 FT GROSS ALPHA 10-78-6 3 9.5 pCi/g Z R8395 AS00003PE 0 0 FT GROSS ALPHA 10-78-6 7.5 23.5 pCi/g Z R8395 AS00003PE 0 0 FT GROSS ALPHA 11-78-6 7.5 23.5 pCi/g Z R8395 AS00002AE 0 2 IN GROSS ALPHA 12587-46-1 4.74 67.6 pCi/g A R8393 SS00002AE 0 2 IN GROSS ALPHA 12587-46-1 3.9 32 pCi/g V R8393 SS4006AE 0 2 IN GROSS ALPHA 12587-46-1 3.3 13.8 pCi/g A R8393 SS40042AE 0 2 IN GROSS ALPHA 12587-46-1 3 17 pCi/g A R8393 SS40053AE 0 2 IN GROSS ALPHA 12587-46-1 3 21 pCi/g A R8393 SS40053AE 0 2 IN GROSS ALPHA 12587-46-1 2.4 24 pCi/g A R8393 SS40053AE 0 2 IN GROSS ALPHA 12587-46-1 2.4 24 pCi/g A R8393 SS40053AE 0 2 IN GROSS ALPHA 12587-46-1 2.4 24 pCi/g A R8393 SS40054AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 3.9 27 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A R8393 SS40074AE 0 2 IN GROSS ALPHA 12587-46-1 2.8 6 | | | | | | | | | | | | |
| SS4Q3593 SS40051AE | ^ | | | | | | | | | | | |
| SS403693 SS40052AE 0 2 IN CESIUM-137 10045-97-3 0.23 0.22 pCi/g U V 48495 AS00001PE 0 0 FT GROSS ALPHA 10-78-6 5 26 pCi/g Z 48395 AS00002PE 0 0 FT GROSS ALPHA 10-78-6 3 9.5 pCi/g Z 48395 AS00003PE 0 0 FT GROSS ALPHA 10-78-6 7.5 23.5 pCi/g Z 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | |
| A8495 | | <u> </u> | | | | | | | | | ······································ | |
| A8495 | SS403693 | SS40052AE | 0 | 2 1 | N | CESIUM-137 | 10045-97-3 | 0.23 | 0.22 | pCi/g | U | V |
| A8295 AS00002PE 0 | | | | | | | | | | | | |
| A8395 AS00003PE O | | | | | | | | | | | | |
| DS093 | | | | | | | | | | | | |
| DS393 | | | | | | | | | | | | |
| A | | | | | | | | | | | | |
| 40293 SS40042AE 0 2 N GROSS ALPHA 12587-46-1 3 17 pCi/g A 40393 SS40053AE 0 2 N GROSS ALPHA 12587-46-1 3 21 pCi/g A 40693 SS40057AE 0 2 N GROSS ALPHA 12587-46-1 2.4 24 pCi/g A 40793 SS40058AE 0 2 N GROSS ALPHA 12587-46-1 2 36 pCi/g A 40893 SS40004AE 0 2 N GROSS ALPHA 12587-46-1 3 11 pCi/g V 40993 SS40072AE 0 2 N GROSS ALPHA 12587-46-1 2.2 43 pCi/g A 41193 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.9 47 pCi/g A 41293 SS40071AE 0 2 N GROSS ALPHA 12587-46-1 3.9 27 pCi/g A 41593 SS40073AE 4 6 N GROSS ALPHA 12587-46-1 3.1 75 pCi/g A 41693 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 3.1 75 pCi/g A 41693 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.8 65 pCi/g A 41693 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.8 65 pCi/g A 41793 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.8 65 pCi/g A 41793 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.8 65 pCi/g A 41793 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.8 65 pCi/g A 41793 SS4007AE 0 2 N GROSS ALPHA 12587-46-1 2.8 65 pCi/g V | | · | | | | | | | | | | |
| 40293 SS40042AE 0 2 IN GROSS ALPHA 12587-46-1 3 17 pCi/g A 40393 SS40053AE 0 2 IN GROSS ALPHA 12587-46-1 3 21 pCi/g A 40693 SS40057AE 0 2 IN GROSS ALPHA 12587-46-1 2.4 24 pCi/g A 40793 SS40058AE 0 2 IN GROSS ALPHA 12587-46-1 2 36 pCi/g A 40893 SS40004AE 0 2 IN GROSS ALPHA 12587-46-1 3 11 pCi/g V 40993 SS40072AE 0 2 IN GROSS ALPHA 12587-46-1 2.2 43 pCi/g A 41193 SS4007AE 0 2 IN GROSS ALPHA 12587-46-1 2.9 47 pCi/g A 41293 SS4007AE 0 2 IN GROSS ALPHA 12587-46-1 3.9 27 pCi/g A 41593 SS40073AE 4 6 IN GROSS ALPHA 12587-46-1 3.1 75 pCi/g A 41693 SS4007AE 0 2 IN GROSS ALPHA 12587-46-1 3.1 75 pCi/g A 41693 SS4007AE 0 2 IN GROSS ALPHA 12587-46-1 2.8 65 pCi/g A 41793 SS40077AE 0 2 IN GROSS ALPHA 12587-46-1 2.8 65 pCi/g V 41993 SS4009AE 0 2 IN GROSS ALPHA 12587-46-1 2.28389 36.07 pCi/g V | 40093 | SS40060AE | 0 | 2 | N | GROSS ALPHA | 12587-46-1 | 3.3 | 13.8 | pCi/g | | Α |
| 40393 | 40293 | SS40042AE | 0 | 2 | N I | GROSS ALPHA | 12587-46-1 | 3 | | | | A |
| A | | <u> </u> | | | | | | | | | | |
| 40793 | | | | | | | | | | | | |
| 40893 | | | | | | | | | | | | |
| 40993 | | | | | | | | | | | | |
| 41193 | | | | | | | | | | | | |
| 41193 | 40993 | SS40072AE | 0 | 211 | N | GROSS ALPHA | 12587-46-1 | 2.2 | 43 | pCi/g | | Α |
| 41293 SS40071AE 0 2 IN GROSS ALPHA 12587-46-1 3.9 27 pCl/g A 41593 SS40073AE 4 6 IN GROSS ALPHA 12587-46-1 3.1 75 pCl/g A 41693 SS40410AE 0 2 IN GROSS ALPHA 12587-46-1 2.8 65 pCl/g A 41793 SS40077AE 0 2 IN GROSS ALPHA 12587-46-1 2.28389 36.07 pCl/g V 41993 SS4009AE 0 2 IN GROSS ALPHA 12587-46-1 2 11 pCl/g V V | 41193 | SS40007AF | 0 | | | | | | | pCi/a | | |
| 41593 SS40073AE 4 | | | | | | | | | | | | |
| 41693 | | | | | | | | | | | | |
| 41793 SS40077AE 0 2 IN GROSS ALPHA 12587-46-1 2.28389 36.07 pCi/g V 41993 SS40009AE 0 2 IN GROSS ALPHA 12587-46-1 2 11 pCi/g V | | | | | | | | | | | | |
| 41993 SS40009AE 0 2 IN GROSS ALPHA 12587-46-1 2 11 pCi/g V | * | | | | | | | | | | | |
| | | <u> </u> | | | | | | | | | | |
| | | | | | | | 12587-46-1 | 2 | 11 | pCi/g | | |
| | 42093 | SS40480AE | | | | | 12587-46-1 | | | | Ì | V |

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides LOCATION DETECTION VALIDATION SAMPLE DEPTH DEPTH RESULT ANALYTE LIMIT RESULT UNITS END UNITS CAS,NO. CODE NUMBER START QUALIFIER QUALIFIER SS40012AE GROSS ALPHA 12587-46-1 24.6 pCi/g 42193 6 IN 2.69711 9.143 pCi/g SS40078AF 0 2 IN GROSS ALPHA 12587-46-1 142293 IΑ 12587-46-1 42393 SS40079AE O 2|IN GROSS ALPHA 2.7 29 pCi/g Α SS40082AE **GROSS ALPHA** 12587-46-1 17.2 pCi/g IA 42593 6IIN 3 SS40080AE 2IIN GROSS ALPHA 12587-46-1 2.9 31 pCi/g 42693 0 IA **iGROSS ALPHA** 12587-46-1 14 pCi/g 42993 SS40056AE Oi 2 IN 4 2.76917 SS40084AE 0 2 IN GROSS ALPHA 12587-46-1 14.25 pCi/g iV 43193 43393 ISS40087AE 6 IN **GROSS ALPHA** 12587-46-1 22.5 pCi/g A ISS40086AE 0 2 IN GROSS ALPHA 12587-46-1 2.97869 8.561 pCi/g IA 43493 39.6 pCi/g 12587-46-1 43693 SS40089AE 4 6IIN **GROSS ALPHA** 3.9 A 43793 SS40088AE 0 **GROSS ALPHA** 12587-46-1 2.1 260 pCi/g 2 IN A 0 **GROSS ALPHA** 12587-46-1 110 pCi/g 43893 SS40010AE 2 IN 3.9 A GROSS ALPHA 12587-46-1 32 pCi/g 43993 SS40091AE 0 2 IN 4.9 A 44093 SS40090AE O 2|IN **GROSS ALPHA** 12587-46-1 3.4 20 pCi/g A 44393 SS40005AE 0 2 IN **GROSS ALPHA** 12587-46-1 3.9 18.3|pCi/g IA SS40001AE **IGROSS ALPHA** 12587-46-1 11[pCi/g ĪV 44593 2 IN 0! 3.5 16.3 pCi/g SS40070AE 2IIN GROSS ALPHA 12587-46-1 44893 0 IA 45793 SS40015AE 0 2||N GROSS ALPHA 12587-46-1 2.7 45 pCi/g A 46693 SS40141AE 6IN GROSS ALPHA 12587-46-1 2.37241 67.39 pCi/g V 34.72 pCi/g GROSS ALPHA 12587-46-1 3.16189 IV 46793 SS40142AE 4 6IN 46893 SS40143AE 6;IN GROSS ALPHA 12587-46-1 2 62235 12.63 pCi/g iV 47093 SS40145AE 0 1iIN GROSS ALPHA 12587-46-1 3.55641 6.736 pCi/g IA SS400293 |SS40018AE | 0 2 IN **GROSS ALPHA** 12587-46-1 2.69391 19.98 pCi/g V SS400793 |SS40023AE GROSS ALPHA 12587-46-1 17.6 pCi/g Oi 2 18741 V 2| IN SS400893 |SS40024AE O. 2 IN GROSS ALPHA 12587-46-1 15 pCi/g V - SS401193 | SS40027AE GROSS ALPHA 12587-46-1 12.08 pCi/g 0 2|IN ١٧ 11.68 pCi/g SS401293 | SS40028AE IGROSS ALPHA 12587-46-1 3.16694 V 0 2 IN SS401393 |SS40029AE 0 2!IN **IGROSS ALPHA** 12587-46-1 2.84339 16.9 pCi/g V SS401593 | SS40031AE 2IN **GROSS ALPHA** 12587-46-1 2.37527 14.72 pCi/g V 01 SS401693 | SS40032AE 2 IN **GROSS ALPHA** 12587-46-1 2.84105 11.9 pCi/g ٧ 0 GROSS ALPHA 12587-46-1 49.57 pCi/g SS401893 | SS40034AE 2 54044 2|IN IV SS402393 |SS40039AE O. 2 IN **GROSS ALPHA** 12587-46-1 2.77372 26.28 pCi/g V \$\$402593 |\$\$40041AE GROSS ALPHA 17.48 pCi/g 2 IN 12587-46-1 2.31 SS402793 | SS40043AE | O **GROSS ALPHA** 12587-46-1 ĪV 2 IN 3.6 440 pCi/g SS403093 |SS40046AE 0) 2 IN GROSS ALPHA 12587-46-1 1.9 250 pCi/g IV SS403193 SS40047AE 2 IN **GROSS ALPHA** 12587-46-1 46 pCi/g ĪV 2 SS403293 | SS40048AE 34 pCi/g O: 2IN IGROSS ALPHA 12587-46-1 2 ĪV IGROSS ALPHA 12587-46-1 32 pCi/g SS403393 | SS40049AE | O: 2 IN 28 IV SS403493 | SS40050AE 0 2 IN GROSS ALPHA 12587-46-1 2.8 36 pCi/g V SS403593 SS40051AE 0 GROSS ALPHA 12587-46-1 26 pCi/g V 2 IN 2.6 28 pCi/g \$\$403693 | \$\$40052AE 0 2 IN **GROSS ALPHA** 12587-46-1 3.5 V SS606292 | SS60062WC 12587-46-1 **IGROSS ALPHA** 9.274 pCi/g O! 2 IN 2.8 A SS620292 | SS60202WC 2 IN **GROSS ALPHA** 12587-46-1 14.09 pCi/g V 0 GROSS ALPHA SS811193 |SSG0105JE 3|IN 12587-46-1 2 15)pCi/g A 05093 SS00002AE Ö 2IIN GROSS BETA 12587-47-2 3.47 39.2 pCi/g iΑ 05193 SS00003AE 0 2 IN **IGROSS BETA** 12587-47-2 2.84 23.9 pCi/g A 05393 **GROSS BETA** 12587-47-2 SS00005AE O 2!IN 14.9 pCi/g 40093 SS40060AE 0 2 IN **GROSS BETA** 12587-47-2 2.8 25.1 pCi/q A 28 pCi/g 40293 SS40042AF **IGROSS BETA** 12587-47-2 0 21IN 6 A 40393 ISS40053AE 0 2 IN **GROSS BETA** 12587-47-2 5.2 32 pCi/g A 40693 SS40057AE 0 2 IN **GROSS BETA** 12587-47-2 5.1 26 pCi/g IV 12587-47-2 32 pCi/g 40793 SS40058AE 2 IN GROSS BETA 0 5.3 IV 40893 !SS40004AE Ö! 2 IN GROSS BETA 12587-47-2 3 26 pCi/g IV 40993 SS40072AE 0 2: IN **GROSS BETA** 12587-47-2 5.1 31 pCi/g ٧ **GROSS BETA** 12587-47-2 41193 SS40007AE 0 2 IN 5.7 27 pCi/g B A 41293 12587-47-2 39 pCi/g ISS40071AE 2 IN GROSS BETA IV 0! 5.4 12587-47-2 4.8 41593 SS40073AE 4 6 IN **IGROSS BETA** 39 pCi/g V **GROSS BETA** 12587-47-2 41693 SS40410AE 2 IN 35 pCi/g 28.74 pCi/g 41793 SS40077AE GROSS BETA 12587-47-2 2.10727 V 01 2IIN 41993 SS40009AE ol 2 IN **GROSS BETA** 12587-47-2 3 23 pCi/g V 42093 SS40480AE 0; 2 IN **GROSS BETA** 12587-47-2 26 pCi/g 42193 SS40012AE 4 6 IN **GROSS BETA** 12587-47-2 48.5 pCi/g IA SS40078AE 12587-47-2 2.02879 25.48 pCi/g ÍΖ 2IN **IGROSS BETA** 42293 Oi 12587-47-2 42393 ISS40079AE Oi 2IIN GROSS BETA 5.2 33 pCi/g | B Ā 42593 SS40082AE 6 IN **GROSS BETA** 12587-47-2 51.5 pCi/g A 18 pCi/g B GROSS BETA 12587-47-2 42693 SS40080AE o 2 IN 5.3 A V 42993 12587-47-2

SS40056AE

SS40084AE

SS40087AE

SS40086AE

43193

43393

43493

0

0

2 IN

2 IN

6 IN

2 IN

IGROSS BETA

GROSS BETA

GROSS BETA

GROSS BETA

12587-47-2

12587-47-2

12587-47-2

1.94947

2.01548

25 pCi/g

IV

29 pCi/g

41.9 pCi/g

20.72 pCi/g

| | T; | able A.3 - | Solar Evaporat | tion Ponds AOC - Anal | ytical Result | ts for Surface | Soils - Rac | lionucli | des | |
|---|--------------------------|------------|--|--|--------------------------|----------------|----------------|------------------|--|---|
| LOCATION | SAMPLE | DEPTH | DEDTU | | 秦俊 後人 | DETECTION | . A. 1 | | LAB RESULT | VALIDATION |
| CODE | NUMBER | START | END UNITS | 89 | | LIMIT | RESULT | UNITS | QUALIFIER | |
| 43693 | SS40089AE | 4 | | | 12587-47-2 | | | pCi/g | ······································ | A |
| | SS40088AE | 0 | | | 12587-47-2 | | | pCi/g | | V |
| | SS40010AE | 0 | | | 12587-47-2 | | | | | A |
| | SS40091AE SS40090AE | 0 | 2 IN | GROSS BETA | 12587-47-2 12587-47-2 | | | pCi/g pCi/g | В | A |
| | S\$40090AE | 0 | 2 IN 2 IN | | 12587-47-2 | | | pCi/g | | A |
| | S\$40001AE | 0 | 2 IN | <u> </u> | 12587-47-2 | | | pCi/g | | V |
| | SS40070AE | 0 | 2 IN | GROSS BETA | 12587-47-2 | | | pCi/g | | Α |
| *************************************** | SS40094AE | 0 | 2 IN | GROSS BETA | 12587-47-2 | | | pCi/g | | V |
| | SS40015AE | 0 | | | 12587-47-2 12587-47-2 | | | pCi/g pCi/g | ~~~~ | V |
| | SS40096AE SS40141AE | 4 | | | 12587-47-2 | | 28.08 | | | V |
| | SS40142AE | 4 | | <u></u> | 12587-47-2 | | 24.95 | | | V |
| 46893 | SS40143AE | 4! | | | 12587-47-2 | 2.10657 | 28.88 | | | V |
| | SS40145AE | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | 12587-47-2 | | 26.22 | | | V |
| | AS00001PE | 0 | 0 FT | | 12587-47-2 | | | pCi/g | | Z |
| | AS00002PE AS00003PE | 0 | 0 FT | | 12587-47-2 12587-47-2 | | | pCi/g pCi/g | | Z Z |
| | SS40018AE | 0 | | | 12587-47-2 | | 32.59 | | | V |
| | SS40019AE | 0 | 2 IN | | 12587-47-2 | | | pCi/g | | Ā |
| | SS40021AE | 0 | | | 12587-47-2 | | 33 | pCi/g | | A |
| | SS40022AE | 0 | ····· | <u> </u> | 12587-47-2 | | | pCi/g | | <u>A</u> |
| | SS40023AE SS40024AE | 0 | 2 IN 2 IN | | 12587-47-2 12587-47-2 | | 20.83 | | | V |
| | SS40024AE | 0 | 2 IN | | 12587-47-2 | | 24.91 27.59 | | | V |
| | SS40028AE | Ö | 2 IN | | 12587-47-2 | | 27.92 | | | V |
| | SS40029AE | 0 | 2 IN | GROSS BETA . | 12587-47-2 | 2.02247 | 29.22 | | | V |
| | SS40031AE | 0 | | | 12587-47-2 | | | pCi/g | | V |
| | SS40032AE | 0) | 2 IN | GROSS BETA | 12587-47-2 | | 37.04 | | | <u>v</u> |
| | SS40034AE SS40039AE | 0; 0 | 2 IN 2 IN | | 12587-47-2 12587-47-2 | · | 43.2 34.94 | pCi/g | | V V |
| | SS40041AE | 0 | | | 12587-47-2 | 2.42 | 21.56 | | | v |
| | SS40043AE | o, | <u> </u> | | 12587-47-2 | 4.1 | | pCi/g | | v i |
| | SS40044AE | 0) | | | 12587-47-2 | 3 | | pCi/g | | A |
| | SS40045AE | 01 | | | 12587-47-2 | 3 | | pCi/g | | <u> </u> |
| | SS40046AE SS40047AE | 0 | | GROSS BETA GROSS BETA | 12587-47-2 12587-47-2 | 5.4 5.1 | | pCi/g pCi/g | | <u>V</u> [|
| <u></u> | SS40047AE | 0 | | | 12587-47-2 | 5.7 | | pCi/g | | v |
| | SS40049AE | 0 | | | 12587-47-2 | 3.9 | | pCi/g | | v |
| | SS40050AE | 0 | | | 12587-47-2 | 5.7 | | pCi/g | | V |
| | SS40051AE | 0 | | | 12587-47-2 | 5.4 | | pCi/g | | V |
| | SS40052AE SS60062WC | 0 | | | 12587-47-2 12587-47-2 | | 35 22.52 | pCi/g | | V ! A |
| | SS60202WC | 0 | | | 12587-47-2 | | | pCi/g | | \$ |
| | SSG0105JE | 0 | | | 12587-47-2 | | | pCi/g | | Š |
| 05093 | SS00002AE | 0 | 2 IN | PLUTONIUM-239/240 | 10-12-8 | 0.008 | | pCi/g | | A |
| 05193 | SS00003AE | 0 | | PLUTONIUM-239/240 | | 0.012 | 0.421 | | | Α : |
| | SS00005AE | 0 | | PLUTONIUM-239/240 | | 0.014 | | pCi/g | | <u>A</u> |
| | SS40060AE SS40042AE | 0 | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.005 | 0.0129 | | | A |
| | SS40053AE | 0 | | PLUTONIUM-239/240 | | 0.015 | 0.039 | | | Â |
| 40693 | SS40057AE | O | | PLUTONIUM-239/240 | | 0.002 | | pCi/g | | v |
| t | SS40058AE | 0) | 2 IN | PLUTONIUM-239/240 | 10-12-8 | 0.027 | 3.3 | pCi/g | | V |
| | SS40072AE | 0 | | PLUTONIUM-239/240 | | 0.005 | | pCi/g | | V |
| | SS40007AE SS40071AE | 0 | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.011 | | pCi/g | | V |
| <u></u> | SS40071AE SS40073AE | 4 | | PLUTONIUM-239/240 | | 0.037 | | pCi/g pCi/g | | A V |
| | SS40410AE | 0 | | PLUTONIUM-239/240 | | 0.007 | | pCi/g | | v |
| 41793 | SS40077AE | 0 | 2 IN | PLUTONIUM-239/240 | 10-12-8 | 0.00783079 | 9.033 | | | A |
| | SS40012AE | 4 | | PLUTONIUM-239/240 | | 0 | | pCi/g | | A |
| | SS40078AE | 0 | | PLUTONIUM-239/240 | | 0.00770614 | 0.3215 | | | V |
| | SS40079AE SS40082AE | 0 | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.002 | | pCi/g pCi/g | | V I |
| | SS40080AE | o | | PLUTONIUM-239/240 | | 0.007 | | pCi/g | | ≎ |
| | SS40084AE | O | | PLUTONIUM-239/240 | | 0.0026744 | 5.324 | | | Ä |
| | SS40087AE | 4 | | PLUTONIUM-239/240 | | 0 | 0.0192 | pCi/g | i | A |
| | SS40086AE | 0 | | PLUTONIUM-239/240 | | 0.00707395 | 0.6421 | | | <u>v</u> |
| | SS40089AE SS40088AE | 4 | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.011 0.006 | | pCi/g pCi/g | | A V |
| | SS40010AE | 0 | | PLUTONIUM-239/240 | | 0.006 | | pCi/g pCi/g | | V |
| ·: | | | | | ; | 3.000 | ان ع | y | ! | · |

•

| | Ta | able A.3 | Solar Evap | orat | ion Ponds AOC - Anal | ytical Result | ts for Surface | Soils - Rac | ionucli | des | |
|-----------------------------------|------------------------|----------|----------------------------------|------|--|--------------------------|--------------------|-------------|----------------|--|----------------------|
| | \$ 15 M | | | | 1999 · 12 · 18 · 18 · 18 · 18 · 18 · 18 · 18 | A Company | DETECTION | 10 mm | ÷ * * | LAB | value i riou |
| | SAMPLE | | | | ANALYTE | CAS NO. | DETECTION LIMIT | PESINT | TIMITS | RESULT QUALIFIER | VALIDATION QUALIFIER |
| | SS40090AE | 0 | Complete Control of the Complete | | PLUTONIUM-239/240 | | 0.029 | | pCi/g | The same of the control of the party of the party of the control o | A |
| | SS40005AE | 0 | | | PLUTONIUM-239/240 | | 0.01 | | | | A |
| 44893 | SS40070AE | 0 | | | PLUTONIUM-239/240 | 10-12-8 | 0.009 | · | | | Α |
| | SS40094AE | 0 | | | PLUTONIUM-239/240 | | 0.003 | | | В | A |
| | SS40015AE | 0 | | | PLUTONIUM-239/240 | | 0.019 | | pCi/g | | A |
| | SS40096AE SS40141AE | 0 | | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.00770312 | | | В | V |
| | SS40141AE | 4 | 6 IN | | PLUTONIUM-239/240 | | 0.012763 | | | | V |
| | SS40143AE | 4 | 6 IN | | PLUTONIUM-239/240 | | 0.00267208 | 0.1876 | pCi/g | | Α |
| | SS40145AE | 0 | 1 IN | | PLUTONIUM-239/240 | | 0.0137385 | | | | V |
| | AS00001PE | 0 | | | PLUTONIUM-239/240 | | 0.011 | | | | Z |
| | AS00002PE | 0 | 0 FT | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.009 | | | | <u>Z</u> Z |
| · | AS00003PE SS40018AE | 0 | 0 FT 2 IN | | PLUTONIUM-239/240 | · | 0.0123911 | | pCi/g | | A |
| | SS40023AE | O | 2 IN | | PLUTONIUM-239/240 | | 0.0128704 | | | | IA |
| SS400893 | | 0 | | | PLUTONIUM-239/240 | · | 0.008 | | | | Α |
| SS401193 | SS40027AE | 0 | 2 IN | | PLUTONIUM-239/240 | 10-12-8 | 0 | 0.04633 | pCi/g | | Α |
| | SS40028AE | 0 | | | PLUTONIUM-239/240 | | 0.0061751 | | | | Α |
| | SS40029AE | 0 | ~~~~ | | PLUTONIUM-239/240 | | 0.00516866 | | | | A |
| | SS40031AE SS40032AE | 0 | 2 IN 2 IN | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.00790624 | | | | V V |
| SS401693 SS401893 | | 0 | | | PLUTONIUM-239/240 | | 0.00329839 | | | | IV . |
| SS402393 | | 0 | 2 IN | | PLUTONIUM-239/240 | | 0.00364554 | | | | v |
| | SS40041AE | 0 | 2 IN | | PLUTONIUM-239/240 | | 0.004 | 0.02667 | pCi/g | J | Α |
| SS402793 | SS40043AE | 0 | 2 IN | | PLUTONIUM-239/240 | 10-12-8 | 0.03 | | pCi/g | | Α . |
| <u></u> | SS40046AE | 0 | 2 IN | | PLUTONIUM-239/240 | | 0.018 | | pCi/g | | Α |
| SS403193 | | 0 | 2 IN | | PLUTONIUM-239/240 | | 0.001 | | pCi/g | | V |
| SS403293 SS403393 | SS40048AE | 0 | 2 IN 2 IN | | PLUTONIUM-239/240 PLUTONIUM-239/240 | | 0.001 0.003 | | pCi/g pCi/g | | V V |
| | SS40049AE SS40050AE | 0 | 2 IN | | PLUTONIUM-239/240 | | 0.005 | | pCi/g | | v · |
| SS403593 | | 0 | 2 IN | | PLUTONIUM-239/240 | | 0.006 | | pCi/g | | V |
| SS403693 | SS40052AE | 0 | 2 IN | | PLUTONIUM-239/240 | 10-12-8 | 0.008 | | pCi/g | | V |
| | SS60062WC | | 2 IN | | PLUTONIUM-239/240 | | 0 | | | | Α |
| · | SS60202WC | | 2 IN | | PLUTONIUM-239/240 | | 0 | | | | A |
| | SSG0105JE SS40042AE | 0 | 3 IN 2 IN | | PLUTONIUM-239/240 RADIUM-226 | 10-12-8 | 0.004 | | pCi/g pCi/g | | V A |
| | SS40042AE | 0 | 2 IN | | | 13982-63-3 | | | pCi/g | | A |
| | SS40057AE | 0 | 2 IN | | | 13982-63-3 | 0.61 | | pCi/g | | A |
| 40793 | SS40058AE | 0 | 2 IN | | RADIUM-226 | 13982-63-3 | 0.44 | | pCi/g | | Α |
| | SS40004AE | 0 | 2 IN | ` | | 13982-63-3 | | | pCi/g | | |
| | SS40072AE | 0 | 2 IN | | RADIUM-226 | 13982-63-3 | 0.66 | | pCi/g | | A |
| | SS40007AE SS40071AE | 0 | 2 IN 2 IN | | RADIUM-226 RADIUM-226 | 13982-63-3 13982-63-3 | 0.63 | | | | IA IV |
| | SS40071AE | 4 | 6/IN | | RADIUM-226 | 13982-63-3 | | | pCi/g | | V |
| | SS40410AE | 0 | 2 IN | | | 13982-63-3 | | | pCi/g | | V |
| 41793 | SS40077AE | 0 | 2 IN | | | 13982-63-3 | 0.205 | | | X | А |
| 41993 | SS40009AE | 0 | 2 IN | | RADIUM-226 | 13982-63-3 | | 0.32 | pCi/g | J | |
| | SS40480AE | 0 | 2 IN | | | 13982-63-3 | | | pCi/g | | ^ |
| | SS40079AE SS40080AE | 0 | 2 IN 2 IN | | | 13982-63-3 13982-63-3 | 0.41 0.67 | | pCi/g pCi/g | | A |
| | SS40056AE | 0 | 2 IN | | | 13982-63-3 | | | | J | |
| | SS40084AE | O O | 2 IN | | | 13982-63-3 | | | | | Α |
| 43793 | SS40088AE | 0 | 2 IN | | RADIUM-226 | 13982-63-3 | 0.58 | 0.73 | pCi/g | | V |
| | SS40010AE | 0 | 2 IN | | | 13982-63-3 | | | pCi/g | | A |
| | SS40090AE | 0 | 2 IN | | | 13982-63-3 | 0.29 | | pCi/g | | A |
| | SS40001AE | 0 | 2 IN | | | 13982-63-3 | 0.40 | | pCi/g | | |
| | SS40094AE SS40015AE | 0 | 2 IN 2 IN | | | 13982-63-3 13982-63-3 | 0.43 0.34 | | pCi/g pCi/g | | V V |
| | SS40015AE | | 2 IN | | | 13982-63-3 | 0.34 | | pCi/g | | V |
| ~~~~ ~~~~ ~ | SS40141AE | 4 | 6 IN | | | 13982-63-3 | 0.476 | | pCi/g | | V |
| 46793 | SS40142AE | 4 | 6 IN | | RADIUM-226 | 13982-63-3 | 0.433 | 3.672 | pCi/g | Х | V |
| | SS40143AE | 4 | 6 IN | | | 13982-63-3 | 0.196 | | | | A |
| | SS40145AE | 0 | 1 IN | | | 13982-63-3 | | | | | A |
| | AS00001PE AS00002PE | 0 | 0 FT 0 FT | | | 13982-63-3 13982-63-3 | 0. | | | X | Y |
| | AS00003PE | 0 | 0FT | | | 13982-63-3 | 0 | | | x | Y |
| | SS40018AE | 0 | 2 IN | | | 13982-63-3 | 0.09 | | | | À |
| SS400793 | SS40023AE | 0 | 2 IN | | | 13982-63-3 | 0.07 | 0.7875 | | | Α |
| SS401293 | | 0 | 2 IN | | | 13982-63-3 | 0.09 | 0.6418 | | | Α . |
| SS401393 | SS40029AE | 0 | 2 IN | | RADIUM-226 | 13982-63-3 | 0.11 | 1.183 | pCi/g | Х | Α |

| • | тт | able A.3 | - Solar Ev | aporat | tion Ponds AOC - Anal | ytical Result | | | | des | |
|------------------------|--|------------|--------------|--------|---|--------------------------|----------------|--|----------------|--|-------------------------------------|
| ** ** | · 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 2 m/2 | A . * | 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | DETECTION | *** | 10 St. 16 | LAB | |
| LOCATION | | | DEPTH | * | e y y | 43.4 | IUE IEU IIUN | Same of the same | March Sec. | RESULT | VALIDATION |
| CODE | NUMBER | START | | | ANALYTE | | | | | | |
| | SS40031AE SS40032AE | : 0 1 0 | | | · | 13982-63-3 13982-63-3 | 0.11 | | | | A A |
| | SS40032AE | 0 | | | | 13982-63-3 | 0.08 | | | | A |
| | SS40039AE | O | | | | 13982-63-3 | 0.1 | | | | A |
| | SS40043AE | 0 | | | | 13982-63-3 | 0.34 | | pCi/g | | V |
| SS403093 | SS40046AE | 0 | 21 | N | RADIUM-226 | 13982-63-3 | 0.47 | 2.9 | pCi/g | | V |
| | SS40047AE | 0 | 2 | N | | 13982-63-3 | 0.31 | | pCi/g | | V |
| | SS40048AE | 0 | | | <u> </u> | 13982-63-3 | 0.28 | | pCi/g | | V |
| | SS40049AE | 0 | | | | 13982-63-3 | | | pCi/g | | V |
| | SS40050AE | 0 | | | | 13982-63-3 | 0.23 | | pCi/g | | V |
| | SS40051AE SS40052AE | 0 | | | · | 13982-63-3 | 0.25 | | pCi/g | | V |
| | S\$40052AE S\$40042AE | 0 0 | | | | 13982-63-3 15262-20-1 | 0.3 0.65 | | pCi/g pCi/g | | V V |
| | SS40053AE | 0 | | | | 15262-20-1 | | | pCi/g | | V |
| | SS40057AE | 0 | | | | 15262-20-1 | 1.6 | | pCi/g | | A |
| | SS40058AE | 0 | | | | 15262-20-1 | | | pCi/g | | A |
| | SS40004AE | 0 | | | | 15262-20-1 | | | pCi/g | | |
| 40993 | SS40072AE | 0 | 21 | N | RADIUM-228 | 15262-20-1 | 1.5 | | pCi/g | | Α |
| | SS40007AE | 0 | 2 1 | N | RADIUM-228 | 15262-20-1 | 1.5 | 0.88 | pCi/g | U | V |
| | SS40071AE | 0 | | | | 15262-20-1 | 2.9 | | | Ū | V |
| | SS40410AE | 0 | | | | 15262-20-1 | 0.78 | | pCi/g | | V |
| | SS40077AE | 0 | | | | 15262-20-1 | 0.4504 | | pCi/g | | Α |
| | SS40009AE | 0 | | | RADIUM-228 | 15262-20-1 | | | pCi/g | | <u></u> |
| | SS40480AE | 0 | | | RADIUM-228 | 15262-20-1 | | | | ĵ | · |
| | SS40078AE SS40079AE | 0 | | | | 15262-20-1 15262-20-1 | 0.16 | | | | A |
| | SS40079AE SS40080AE | 0 | | | | 15262-20-1 | 0.91 1.4 | | pCi/g pCi/g | | V V |
| | SS40056AE | 0 | | | | 15262-20-1 | 1.4 | | pCi/g | <u> </u> | <u>v</u> |
| · | SS40084AE | 0 | | | | 15262-20-1 | 0.182 | | | x | A |
| | SS40086AE | 0 | | | | 15262-20-1 | 0.08 | | | | A |
| | SS40088AE | O | | | | 15262-20-1 | 0.72 | | pCi/g | | V |
| 43893 | SS40010AE | 0 | 2 | V | | 15262-20-1 | 1 | | pCi/g | i | V |
| 44093 | SS40090AE | 0 | 2 | V | RADIUM-228 | 15262-20-1 | 0.59 | | pCi/g | i | V |
| 44593 | SS40001AE | 0 | 2 | V | RADIUM-228 | 15262-20-1 | | 2.1 | pCi/g | | |
| ···· | SS40094AE | 0 | | | | 15262-20-1 | 0.92 | | pCi/g | | V / |
| | SS40015AE | . 0 | | | | 15262-20-1 | 0.58 | | pCi/g | | V ' |
| | SS40096AE | 0 | | | | 15262-20-1 | 0.9 | | pCi/g | | V |
| | SS40141AE | 4 | 6 11 | | | 15262-20-1 | 0.098 | 1.314 | | | V |
| | SS40142AE | 4 | | | | 15262-20-1 | 0.086 | · | | | V |
| | SS40143AE SS40145AE | 0 | 6 11 | | | 15262-20-1 15262-20-1 | 0.078 0.085 | | · | | V V |
| | AS00001PE | 0 | 0 F | | | 15262-20-1 | 0.083 | | | | <u>Y</u> Y |
| | A\$00002PE | o | 0 F | | | 15262-20-1 | 0 | | | X | Ÿ |
| | A\$00003PE | O | 0 F | | | 15262-20-1 | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | $\frac{\hat{x}}{x}$ | Ÿ |
| | SS40018AE | o | 2 11 | | | 15262-20-1 | 0.17 | | | | Ā |
| SS400793 | SS40023AE | 0 | 2 | | | 15262-20-1 | 0.16 | | | | A |
| SS400893 | | 0 | 2 11 | V | RADIUM-228 | 15262-20-1 | 0.139 | | pCi/g | | Α |
| SS401193 | | 0 | | | | 15262-20-1 | | | pCi/g | | A |
| | SS40028AE | 0 | | | | 15262-20-1 | | | pCi/g | | Α |
| | SS40029AE | 0 | | | | 15262-20-1 | | | pCi/g | | A |
| S\$401593 | | 0 | 2 11 | | | 15262-20-1 | 0.2 | | | | <u>A</u> |
| S\$401693 S\$401893 | | 0 | 2 1 | | | 15262-20-1 | 0.17 | | pCi/g | | A |
| SS401893 SS402393 | | 0 | | | | 15262-20-1 15262-20-1 | 0.17 0.2 | ····· | | | <u>A</u> |
| SS402593 | | 0 | | | | 15262-20-1 | 0.121 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | A A |
| SS402793 | | 0 | | | | 15262-20-1 | 0.73 | | pCi/g | | $\frac{\hat{\nabla}}{\hat{\nabla}}$ |
| SS403093 | | 0 | | | | 15262-20-1 | 0.73 | ···· | pCi/g | | v |
| SS403193 | | 0 | | | | 15262-20-1 | 0.7 | | pCi/g | | v |
| · | SS40048AE | 0 | | | | 15262-20-1 | 0.78 | | pCi/g | | v v |
| SS403393 | SS40049AE | 0 | 2 11 | | RADIUM-228 | 15262-20-1 | 0.68 | | pCi/g | | V |
| SS403493 | | 0 | | | | 15262-20-1 | 0.57 | 1.3 | pCi/g | | V |
| SS403593 | | O | | | | 15262-20-1 | 0.5 | | pCi/g | | V |
| SS403693 | | 0 | | | | 15262-20-1 | 0.62 | | pCi/g | | V |
| | SS00003AE | 0 | | | | 11-10-9 i | 0.18 | | | | V |
| | SS00005AE | 0 | | | | 11-10-9 | 0.2 | 0.131 | | | V |
| | SS40042AE | 0 | 2 11 | | | 11-10-9 | 0.23 | | | | <u>A</u> |
| | SS40053AE SS40057AE | 0 | 2 1 2 1 | | | 11-10-9 | 0.21 0.4 | | | | <u>A</u> V |
| | SS40057AE SS40058AE | 0 | · | | ···· | 11-10-9 11-10-9 | 0.44 | | | | V |
| | SS40004AE | 0 | | | | 11-10-9 | 0.44 | | | · | A |
| | | , 0 | ۱۱ کے | - 1 | JCITIION-03,80 | 10-0 | ٧.٤ | -0.030 | PORR | | ^ |

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides RESULT ANALYTE CAS NO. Su die de DEPTH DEPTH DETECTION RESULT LOCATION SAMPLE VALIDATION LIMIT RESULT UNITS QUALIFIER CAS NO. CODE NUMBER START END UNITS QUALIFIER STRONTIUM-89,90 0.4 pCi/g BJ SS40072AE 2 IN 11-10-9 0.33 40993 STRONTIUM-89.90 41193 SS40007AF 0 2 IN 111-10-9 0.19 0.34 pCi/g |BJ IV 41293 SS40071AE 0 2 IN STRONTIUM-89,90 11-10-9 0.29 1.5|pCi/g 0.21 pCi/g |U STRONTIUM-89,90 41593 SS40073AE 4 6 IN 11-10-9 0.25 ĪV 0.61 pCi/g BJ 0 STRONTIUM-89,90 41693 SS40410AE 2 IN 11-10-9 0.21 IA 41.793 SS40077AE O! 2 IN STRONTIUM-89,90 111-10-9 0.0371597 0.1282 pCi/g ĨΫ 41993 SS40009AE 0 2 IN STRONTIUM-89,90 11-10-9 0.2 0.029 pCi/g |U A -0.16 pCi/g U 42093 SS40480AE 0 2 IN STRONTIUM-89,90 11-10-9 0.2 IA 4 6 IN STRONTIUM-89,90 11-10-9 42193 SS40012AE 0.4 0.557 pCi/g IA 0.0458918 42293 SS40078AE O 2 IN ISTRONTIUM-89.90 11-10-9 0.4307 pCi/g A 0 2 IN STRONTIUM-89,90 0.34 pCi/g |BJ 42393 SS40079AE 11-10-9 0.21 ĪV STRONTIUM-89,90 42593 SS40082AE 4 6 IN 11-10-9 0.4 0.575 pCi/g IA STRONTIUM-89,90 SS40080AE 11-10-9 42693 O 2 IN 0.28 0.52 pCi/g BJ IV 42993 SS40056AE 0 2 IN STRONTIUM-89,90 11-10-9 0.2 -0.065 pCi/g U 431.93 SS40084AE 2 IN STRONTIUM-89,90 11-10-9 0.0427287 0.2276 pCi/g V STRONTIUM-89,90 43393 ISS40087AE 6 IN 1 pCi/g 4 11-10-9 0.4 IA 43493 S\$40086AE 0 2 IN STRONTIUM-89,90 11-10-9 0.0940073 0.5136|pCi/g 0.569 pCi/g 43693 SS40089AE 6 IN STRONTIUM-89,90 11-10-9 0.4 !A 43793 SS40088AE 0 2 IN STRONTIUM-89,90 11-10-9 0.24 0.73 pCi/g BJ A 43893 SS40010AE 0 2 IN STRONTIUM-89,90 11-10-9 0.24 0.3 pCi/g BJ īV 44093 SS40090AE 0 2 IN STRONTIUM-89,90 11-10-9 0.22 0.39 pCi/g |BJ ĪΑ 44593 SS40001AE ō 2 IN ISTRONTIUM-89,90 11-10-9 0.3 -0.008{pCi/g |U ĪĀ 45693 SS40094AE 0 STRONTIUM-89,90 ĪV 2 IN 11-10-9 0.37 0.93 pCi/g |J 0.17 pCi/g U 45793 SS40015AE STRONTIUM-89.90 0 2 IN 11-10-9 0.36 ĪV 46193 SS40096AE 2 IN STRONTIUM-89,90 11-10-9 0.38 0.03 pCi/g |U STRONTIUM-89,90 46693 SS40141AE 6IN 11-10-9 0.0594509 0.1043 pCi/g V 46793 46893 SS40142AE STRONTIUM-89.90 0.0587156 0.02909 pCi/g |U 4 6IIN 11-10-9 IV SS40143AE 4 6IN STRONTIUM-89,90 11-10-9 0.0380468 1.094 pCi/g A 47093 SS40145AE 1|IN STRONTIUM-89,90 11-10-9 0.0459027 0.18 pCi/g A -0.000413 pCi/g |U 48195 AS00001PE 0 0 FT STRONTIUM-89,90 Y 11-10-9 0.088 0 STRONTIUM-89,90 AS00002PE OFT 48295 111-10-9 0.119 0.04222 pCi/g |U 11-10-9 48395 AS00003PE 0 OFT STRONTIUM-89,90 0.2719 pCi/g |U ΙY 1.46 SS400293 SS40018AE 2 IN STRONTIUM-89,90 11-10-9 0.0487468 0.2528 pCi/g | ĪV \$\$400393 | \$\$40019AE STRONTIUM-89,90 0 2 IN 111-10-9 0.1 -0.046|pCi/g |U IA 0 0.1 SS400593 |SS40021AE 2 IN STRONTIUM-89.90 11-10-9 -0.043 pCi/g U A SS400693 | SS40022AE 0 2 IN STRONTIUM-89,90 11-10-9 0.1 0.027 pCi/g |U A 0 0.4645 pCi/g SS400793 | SS40023AE 2 IN STRONTIUM-89,90 0.0841921 IV 11-10-9 SS400893 |SS40024AE o STRONTIUM-89,90 2 IN 11-10-9 0.2464 pCi/g | J 0.04 Α SS401193 |SS40027AE 0 2 IN STRONTIUM-89,90 11-10-9 0.04 0.2072 pCi/g Ā SS401293 | SS40028AE 0 2 IN STRONTIUM-89,90 0.0579504 V 11-10-9 1.171|pCi/g SS401393 SS40029AE SS401593 SS40031AE 0.1893 pCi/g 0 2 IN STRONTIUM-89.90 11-10-9 0.0434481 V STRONTIUM-89.90 2 IN 11-10-9 0.0599506 0.4453 pCi/g IV 0.3045 pCi/g SS401693 SS40032AE 0 2 IN STRONTIUM-89,90 11-10-9 0.0460651 V 1.232 pCi/g SS401893 | SS40034AE 2 IN STRONTIUM-89,90 11-10-9 0.0453921 ĪV SS402393 | SS40039AF 0 2 IN STRONTIUM-89.90 11-10-9 0.0644649 0.4387 pCi/g IV SS402593 |SS40041AE 0 2 IN STRONTIUM-89,90 11-10-9 0.04 0.1194 pCi/g | J ĺΑ SS402793 |SS40043AE 0 STRONTIUM-89,90 0.62 pCi/g J 2 IN 11-10-9 0.56 īV SS402893 |SS40044AE 0 2 IN STRONTIUM-89.90 11-10-9 0.1 0.067 pCi/g | U A SS402993 |SS40045AE O 2 IN STRONTIUM-89,90 11-10-9 0.1 -0.026 pCi/g U A SS403093 |SS40046AE 0 2 IN STRONTIUM-89,90 11-10-9 0.38 0.37 pCi/g | U SS403193 | SS40047AE O 2 IN STRONTIUM-89,90 11-10-9 0.28 0.25 pCi/g |U ĪV SS403293 | SS40048AE 0 STRONTIUM-89.90 2 IN 11-10-9 0.71[pCi/g |J IV 0.32 SS403393 | SS40049AE 0 2 IN STRONTIUM-89.90 11-10-9 0.27 0.14 pCi/g |U IV 0.75 pCi/g J SS403493 SS40050AE 0 2 IN STRONTIUM-89,90 11-10-9 0.43 0.8 pCi/g J SS403593 |SS40051AE 0 2 IN STRONTIUM-89,90 11-10-9 0.5 īv SS403693 SS40052AE Ö STRONTIUM-89,90 2 IN 11-10-9 04 0.42 pCi/g J IV 48195 AS00001PE 0 0 FT URANIUM-233,-234 11-08-5 0.005 2.107 pCi/g 17 URANIUM-233,-234 48295 AS00002PE 0 OFT 11-08-5 0.011 2.011 pCi/g Z 48395 AS00003PE O 0 FT URANIUM-233,-234 11-08-5 0.011 1.463 pCi/g 05093 SS00002AE 0 2 IN URANIUM-234 11-08-5 0.025 4.3 pCi/g IA :05193 SS00003AE 0 2 IN **URANIUM-234** 11-08-5 0.035 1.17 pCi/g IA 05393 SS00005AE 0 2 IN **URANIUM-234** 11-08-5 0.029 0.75|pCi/g A **URANIUM-234** 40093 SS40060AE 2 IN 0 11-08-5 0.019 1.27 pCi/g IA 40293 SS40042AE 0 2IN JURANIUM-234 111-08-5 0.026 1.3 pCi/g | B A 40393 SS40053AE 0 2 IN **URANIUM-234** 11-08-5 0.011 1|pCi/g A 40693 SS40057AE 0 2 IN **URANIUM-234** 11-08-5 0.013 2.5 pCi/g |B IA SS40058AE o 2 IN 40793 **URANIUM-234** 11-08-5 0.011 1.9 pCi/g |B IA 40893 SS40004AE 0 2 IN **URANIUM-234** 111-08-5 0.09 0.9 pCi/g īV 2.9 pCi/g B 40993 SS40072AE Oi 2IN URANIUM-234 11-08-5 0.017 IA 41193 SS40007AE 2 IN **URANIUM-234** 11-08-5 0.042 2.4 pCi/g B

| | T: | able A.3 - | Solar E | /aporat | tion Ponds AOC - Anal | ytical Resul | ts for Surface | Soils - Rad | dionucli | des | |
|---|------------------------|---------------|--------------|-------------|--|---|------------------------|---|------------------|--|----------------------|
| 7.4 | | 1. 4. 4. 4. 4 | | and we | 17、大年二十二十二十十五十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十 | 19.44 | DETECTION | | | | |
| CODE | SAMPLE | CTAPT | DEPTH | LINITS | ANALYTE | CAS NO. | DETECTION | DECIUT | LINITS | | VALIDATION QUALIFIER |
| 41293 | SS40071AE | 0 | 2 | IN | URANIUM-234 | " The second of the second of the second of | 0.012 | | pCi/g | AND DESCRIPTION OF THE PROPERTY OF THE PROPERT | A |
| | SS40073AE | 4 | | | | 11-08-5 | 0.014 | | | | A |
| 41693 | SS40410AE | 0 | 2 | IN | URANIUM-234 | 11-08-5 | 0.017 | 2.3 | pCi/g | В | Α |
| | SS40077AE | 0 | | | <u> </u> | 11-08-5 | 0.0610229 | | pCi/g | | Α |
| | SS40009AE | 0 | | IN | | 11-08-5 | 0:1 | | pCi/g | | A |
| | SS40480AE SS40012AE | 0 | | | | 11-08-5 11-08-5 | 0.1 0.018 | | pCi/g pCi/g | | V |
| | SS40078AE | Ö | | | | 11-08-5 | 0.0883086 | | pCi/g | | A |
| | SS40079AE | 0 | ····· | | URANIUM-234 | 11-08-5 | 0.066 | | | | V |
| | SS40082AE | 4 | | | <u>`</u> | 11-08-5 | 0.041 | | pCi/g | | V |
| | SS40080AE | 0 | <u>.</u> | | | 11-08-5 | 0.018 | | pCi/g | | V |
| | SS40056AE SS40084AE | 0 | | | · | 11-08-5 | 0.1 0.0644476 | ····· | pCi/g | | V A |
| | SS40087AE | 4 | | IN | | 1,1 - 08-5 11 - 08-5 | 0.0044476 | ····· | pCi/g pCi/g | | V |
| | SS40086AE | o | ····· | | | 11-08-5 | 0.0722999 | | pCi/g | ~~~~~ | A |
| | SS40089AE | 4 | _ | IN | | 11-08-5 | 0.02 | | pCi/g | | V |
| | SS40088AE | 0 | | | | 11-08-5 | 0.037 | | | В | Α |
| | SS40010AE | 0 | | | URANIUM-234 | 11-08-5 | 0.052 | | | В | ٧ |
| *************************************** | SS40091AE | 0 | | | <u> </u> | 11-08-5 | 0.026 | | | | V |
| | SS40090AE SS40005AE | 0 | ······ | | | 11-08-5 11-08-5 | 0.014 | *************************************** | pCi/g pCi/g | | A |
| | SS40003AE | 0 | | | | 11-08-5 | 0.1 | | pCi/g | | V |
| | SS40070AE | 0 | | | | 11-08-5 | 0.044 | | | | A |
| 45693 | SS40094AE | 0 | 2 | | | 11-08-5 | 0.061 | | | | V |
| | SS40015AE | 0 | | | | 11-08-5 | 0.012 | ····· | | | Α |
| | SS40096AE | l 0 | | | | 11-08-5 | 0.028 | | | | V |
| | SS40141AE | 4 | | | | 11-08-5 | 0.108527 | 63.4 | pCi/g | | V |
| | SS40142AE SS40143AE | 4 | 6 | | | 11-08-5 11-08-5 | 0.074923 0.0702298 | 11.66 1.009 | | | V V |
| <u></u> | SS40145AE | 0 | | | | 11-08-5 | 0.159855 | 0.7124 | | | v |
| | SS40018AE | 0 | | IN | · · · · · · · · · · · · · · · · · · · | 11-08-5 | 0.075553 | 2.872 | | | Ā |
| · | SS40019AE | 0 | | IN | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | V |
| · | SS40021AE | 0 | 2 | | | 11-08-5 | 0.1 | | pCi/g | | V |
| | SS40022AE SS40023AE | 0 | 2 | | | 11-08-5 | 0.08 | | pCi/g | | V |
| | SS40023AE SS40024AE | 0 | | | | 11-08-5 11-08-5 | 0.0586636 0.029 | 1.213 0.9129 | pCi/g | | A |
| | SS40027AE | 0 | 2 | | | 11-08-5 . | 0.029 | 0.8618 | | | Â |
| | SS40028AE | 0 | | | | 11-08-5 | 0.0564302 | 0.7488 | | | A |
| | SS40029AE | 0 | ····· | | | 11-08-5 | 0.0584428 | 5.822 | pCi/g | | Α |
| SS401593 | | 0 | | | | 11-08-5 | 0.053662 | 1.284 | | | Α |
| | SS40032AE SS40034AE | 0 | 2 | | | 11-08-5 | 0.0806387 | 2.312 | | | A |
| | SS40034AE SS40039AE | 0 | 2 | | ······································ | 11-08-5 11-08-5 | 0.0522456 0.0821364 | 3.165 | pCi/g | | A |
| SS402593 | | 0 | 2 | | ····· | 11-08-5 | 0.015 | 0.9642 | | | Â |
| S\$402793 | SS40043AE | O | 2 | IN | | 11-08-5 | 0.006 | | | | V |
| | SS40044AE | 0 | 2 | | | 11-08-5 | 0.1 | | pCi/g | | V |
| | SS40045AE | 0 | 2 | | | 11-08-5 | 0.1 | | pCi/g | | V |
| | SS40046AE SS40047AE | 0 | 2 | | | 11-08-5 11-08-5 | 0.019 0.021 | | pCi/g pCi/g | | V |
| SS403193 | | OI | | | | 11-08-5 | 0.021 | | | | V |
| | SS40049AE | o | | | | 11-08-5 | 0.006 | | | | v |
| SS403493 | SS40050AE | 0 | 2 | IN | URANIUM-234 | 11-08-5 | 0.007 | 1.2 | pCi/g | В | V |
| SS403593 | | 0 | | | | 11-08-5 | 0.018 | | | | V |
| | SS40052AE | 0) | 2 | | | 11-08-5 | 0.006 | | | | <u>v</u> . |
| | SS60062WC SS60202WC | 0 | 2 | | | 11-08-5 11-08-5 | 0.044) 0.042 | 0.8515 0.8128 | | | <u>A</u> |
| | SSG0105JE | 0 | 3 | | | 11-08-5 | 0.042 | | pCi/g i | | A V |
| | SS00002AE | 0 | 2 | | | 15117-96-1 | 0.031 | 0.152 | pCi/g | | Ă |
| 05193 | SS00003AE | 0 | 2 | IN | URANIUM-235 | 15117-96-1 | 0.043 | 0.0576 | pCi/g | 1 | Α |
| | SS00005AE | 0 | 2 | | | 15117-96-1 | 0.014 | | | | A |
| | SS40060AE | 0 | 2 | | | 15117-96-1 | 0.019 | 0.0998 | | | A! |
| | SS40042AE SS40053AE | 0) | 2 | | | 15117-96-1 15117-96-1 | 0.016 | 0.038 | | | A A |
| | SS40057AE | 0 | 2 | | | 15117-96-1 | 0.013 | | | | Ā |
| | SS40058AE | 0 | 2 | | | 15117-96-1 | 0.029 | | | | Ä |
| 40893 | SS40004AE | 0 | 2 | | | 15117-96-1 | 0.1 | | pCi/g | U | V |
| | SS40072AE | 0 | 2 | | | 15117-96-1 | 0.017 | | | | A |
| | SS40007AE SS40071AE | 0 | 2 | | | 15117-96-1 15117-96-1 | 0.025 0.012 | | | | <u>V</u>] |
| | SS40071AE | . 4 | 6 | | ···· | 15117-96-1 | 0.012 | | pCi/g pCi/g | | A |
| <u> </u> | | | | للست | | | 7.020 | V.23 | <u></u> | | <u> </u> |

| | Ta | ble A.3 | | | ion Ponds AOC - Anal | | | | | | |
|------------------------|--------------------------|------------|------------------|--|--|----------------------------|---------------------|---|-------------------|--|-------------------------|
| LOCATION | CAMPIE |) CEDTU | DEPTH | | | 14211 | DETECTION | | | LAB | MALIDATION |
| CODE | | START | Sec. 2 8 2 3 2 3 | UNITS | ANALYTE | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | VALIDATION QUALIFIER |
| * | SS40410AE | 0 | 21 | N | | 15117-96-1 | | | pCi/g | And department of the Partment | A |
| | SS40077AE | 0 | · | | | 15117-96-1 | 0.0535729 | 0.1163 | | | Α |
| | SS40009AE | 0 | | | ,, | 15117-96-1 | 0.1 | | | | !A |
| | SS40480AE SS40012AE | 0 4 | <u></u> | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.1 | 0.076 | | | V V |
| | SS40078AE | 0 | | | | 15117-96-1 | | 0.165 0.1241 | | | A |
| | SS40079AE | 0 | | | | 15117-96-1 | 0.066 | -0.008 | | | ν · |
| 42593 | SS40082AE | 4 | 6 1 | N | URANIUM-235 | 15117-96-1 | 0 | 0.219 | | | V |
| | SS40080AE | 0 | | | ······································ | 15117-96-1 | | 0.019 | | _ | V |
| | SS40056AE | 0 | | | | 15117-96-1 | 0.1 | | | | V |
| | SS40084AE SS40087AE | 0 4 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.0583287 0.018 | 0.07494 0.0745 | | | A · |
| | SS40086AE | 0 | <u> </u> | ··· | · | 15117-96-1 | 0.0646883 | 0.04783 | | | A |
| | SS40089AE | 4 | 6 | | URANIUM-235 | 15117-96-1 | 0.02 | 0.0841 | | ····· | V |
| 43793 | SS40088AE | 0 | 2 | N | URANIUM-235 | 15117-96-1 | 0.037 | | pCi/g | | Α |
| | SS40010AE | 0 | | | URANIUM-235 | 15117-96-1 | 0.046 | | | | V |
| | SS40091AE | 0 | | | | 15117-96-1 | 0.026 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | V |
| | SS40090AE | 0 | | | | 15117-96-1 | 0.024 | 0.065 | | | A |
| | SS40005AE SS40001AE | 0 | | | ······ | 15117-96-1 15117-96-1 | 0 <u> </u> 0.1 | 0.0349 | | | V V |
| · | SS40070AE | 0 | | | URANIUM-235 | 15117-96-1 | 0.031 | 0.0302 | | | A |
| | SS40094AE | o | | | | 15117-96-1 | 0.02 | | | | v |
| 45793 | SS40015AE | 0, | 2 1 | N | URANIUM-235 | 15117-96-1 | 0.02 | | | J | Α |
| | SS40096AE | 0 | | | | 15117-96-1 | 0.01 | | | | V |
| ~~~~ | SS40141AE | 4 | | | URANIUM-235 | 15117-96-1 | 0.0757182 | 1.689 | | | V |
| | SS40142AE SS40143AE | 4 | 61 | | ······································ | 15117-96-1 | 0.074923 | 0.3833 | | - | V |
| | SS40145AE | 0 | | | ····· | 15117-96-1 15117-96-1 | 0.0823552 | 0.03572 0.06339 | | | V V |
| | AS00001PE | 0 | | | ·········· | 15117-96-1 | 0.005 | 0.106 | | <u> </u> | Z |
| | AS00002PE | O | O F | | ······ | 15117-96-1 | 0.004 | 0.065 | | | Ž |
| | AS00003PE | 0 | O F | | URANIUM-235 | 15117-96-1 | 0.004 | 0.049 | | | Z |
| | SS40018AE | 0 | 2 | + | URANIUM-235 | 15117-96-1 | 0.050188 | 0.09273 | pCi/g | | A |
| SS400393 | | 0 | 2 1 | | URANIUM-235 | 15117-96-1 | 0.1 | | | ·· | V |
| SS400593 SS400693 | | 0 | 2 I | ······································ | | 15117-96-1 15117-96-1 | 0.08 | | pCi/g | | V V |
| SS400793 | | 0 | 21 | | | 15117-96-1 | 0.0650612 | 0.031 0.0773 | | | <u>v</u> A |
| SS400893 | | 0 | 2 1 | | | 15117-96-1 | 0.017 | 0.02442 | · | | A |
| SS401193 | | 0 | 2 1 | | URANIUM-235 | 15117-96-1 | O) | 0.06431 | | | A |
| SS401293 | | 0 | 2 1 | | | 15117-96-1 | 0.0507806 | 0.03199 | | | A |
| SS401393 | | 0 | 2 1 | | | 15117-96-1 | 0.0486339 | 0.08614 | | | A |
| SS401593 SS401693 | | 0) 0 | 2 II 2 II | | | 15117-96-1 15117-96-1 | 0.0595142 | 0.1145 | | | <u>A</u> |
| SS401893 | | 0 | 2 1 | | ······· | 15117-96-1 | 0.0047301 | 0.04513 0.133 | | | A |
| SS'402393 | | ol | 2 11 | | ······································ | 15117-96-1 | 0.0739131 | 0.1309 | | | <u> </u> |
| SS402593 | SS40041AE | 0 | 2 1 | | | 15117-96-1 | 0.027 | 0.03209 | | | A |
| SS402793 | | 0 | 2 11 | | | 15117-96-1 | 0.024 | 0.49 | | | V |
| SS402893 | | 0 | 2 11 | | | 15117-96-1 | 0.08 | 0.3 | pCi/g | | V |
| SS402993 SS403093 | | 0 | 2 II 2 II | | | 15117-96-1 | 0.1 | | pCi/g | | <u>V</u> |
| SS403193 | | 0 | | | | 15117-96-1 15117-96-1 | 0.006 | | pCi/g pCi/g | | V V |
| SS403293 | | 0 | | | | 15117-96-1 | 0.005 | | pCi/g | | <u>v</u> |
| SS403393 | SS40049AE | 0 | | | | 15117-96-1 | 0.006 | 0.17 | pCi/g | J | v |
| SS403493 | | 0 | 2 | | | 15117-96-1 | 0.007 | - 0.05 | pCi/g | J | V |
| SS403593 | | 0 | 2 | | | 15117-96-1 | 0.007 | | pCi/g | | V |
| SS403693 | SS40052AE SS60062WC | 0) 0 | 2 11 | | | 15117-96-1 | 0.006 | | pCi/g | | <u>V</u> |
| | SS60202WC | 0) | 2 2 | | | 15117-96-1 15117-96-1 | 0.026 0.035 | 0.02227 | | | A A |
| SS811193 | | 0 | 3 11 | | · · · · · · · · · · · · · · · · · · · | 15117-96-1 | 0.035 | | pCi/g | | <u> </u> |
| 05093 | SS00002AE | 0 | 2 11 | | | 7440-61-1 | 0.012 | 2.72 | | | A |
| | SS00003AE | 0 | 2 l | V | URANIUM-238 | 7440-61-1 | 0.042 | 1.22 | pCi/g | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | A |
| | SS00005AE | 0 | 2 1 | | | 7440-61-1 | 0.029 | 0.769 | | l. | A |
| | SS40060AE | 0 | 211 | | | 7440-61-1 | 0.019 | 1.04 | | | Α |
| | SS40042AE SS40053AE | 0 | 2 11 | | | 7440-61-1 7440-61-1 | 0.016 | | pCi/g | | <u>A</u> |
| | SS40053AE | 0) 0) | 2 11 | | | 7440-61-1 7440-61-1 | 0.019 | | pCi/g pCi/g | | A A |
| | SS40058AE | 0 | 2 11 | | | 7440-61-1 | 0.011 | | | | A |
| 40893 | SS40004AE | 0 | 2 11 | | | 7440-61-1 | 0.09 | 0.82 | | | v |
| | SS40072AE | Ö, | 2 11 | | | 7440-61-1 | 0.017 | 1.6 | pCi/g | | A |
| | SS40007AE SS40071AE | 0 | 2 II 2 II | | | 7440-61-1 | 0.042 | | | | V |
| 41293 | | | | | URANIUM-238 | 7440-61-1 | 0.02 | 4 41. | pCi/g | n : | A |

| | T | able A.3 | Solar Ev | /aporat | tion Ponds AOC - Ana | ytical Result | | | dionucl | | |
|------------------------|--|----------|-------------|------------------|---------------------------------------|------------------------|------------------------|------------------------------|---|--------------|--|
| 4 | | | | 1 13 mg | | 3 | × ** ** | | * × * * * * * * * * * * * * * * * * * * | , LAB | |
| | SAMPLE | DEPTH | DEPTH | | Company Control | ** | DETECTION | | | | VALIDATION |
| CODE | Martin and the second second second second | START | | | | CAS NO. | | Management as well as a loss | The bear and the second | QUALIFIER | · //www.abadbitaba-ta-affirmation-dain-fe- |
| | SS40073AE | 4 | | | | 7440-61-1 | 0.014 | | pCi/g | | A |
| | SS40410AE | 0 | | | (URANIUM-238 | 7440-61-1 | 0.029 | | | В | A |
| | SS40077AE | 0 | | | | 7440-61-1 | | | pCi/g | ! | A |
| | SS40009AE | 0 | | | | 7440-61-1 | 0.1 | | pCi/g | ļ | A |
| | SS40480AE | 0 | 2 | | <u> </u> | 7440-61-1 | 0.1 | | lpCi/g | <u> </u> | V |
| | SS40012AE | 4 | 6 | | | 7440-61-1 | 0.018 | | pCi/g | <u> </u> | V |
| · | SS40078AE | ! 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.0738921 | | lpCi/g | | A |
| | SS40079AE | 0 | | | URANIUM-238 | 7440-61-1 | 0.078 | | | В | V |
| | SS40082AE | 4 | 6 | | URANIUM-238 | 7440-61-1 | 0 | | pCi/g | | V |
| | SS40080AE | 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.049 | | | В | <u>V</u> |
| | SS40056AE | 0 | | | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | ļ | V |
| <u></u> | SS40084AE | 0 | · | | URANIUM-238 | 7440-61-1 | 0.0625406 | | pCi/g | <u> </u> | A |
| | SS40087AE | 4 | 6 | | URANIUM-238 | 7440-61-1 | 0.018 | | pCi/g | | IV. |
| | SS40086AE | 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.101476 | · | | <u> </u> | A |
| | SS40089AE | 4 | | | | 7440-61-1 | 0.02 | | pCi/g | <u> </u> | V |
| | SS40088AE | 0 | 2 | | | 7440-61-1 | 0.062 | | | В | A |
| | SS40010AE | 0 | 2 | | | 7440-61-1 | 0.025 | | | | V |
| | SS40091AE | 0 | | | L | 7440-61-1 | 0.026 | | | B | V |
| | SS40090AE | 0 | 2 | ~~~~~ | URANIUM-238 | 7440-61-1 | 0.014 | | pCi/g | В | A |
| <u></u> | SS40005AE | 0 | 2 | ···· | URANIUM-238 | 7440-61-1 | 0 | | pCi/g | [| A |
| | SS40001AE | . 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.08 | | pCi/g | | V |
| | SS40070AE | 0 | | | · | 7440-61-1 | 0.044 | | lpCi/g | <u> </u> | A |
| | SS40094AE | 0 | | | | 7440-61-1 | 0.02 | | | | V |
| · | SS40015AE | 0 | | | | 7440-61-1 | 0.012 | | pCi/g | | A |
| | SS40096AE | 0 | | | | 7440-61-1 | 0.01 | | | | V |
| | SS40141AE | 4 | 6 | | · · · · · · · · · · · · · · · · · · · | 7440-61-1 | 0.0903118 | | pCi/g | | V · |
| | SS40142AE | 4 | | | URANIUM-238 | 7440-61-1 | 0.085342 | | pCi/g | | V |
| | SS40143AE | 4 | | | URANIUM-238 | 7440-61-1 | 0.0616558 | | pCi/g | . | V |
| · | SS40145AE | 0 | | | URANIUM-238 | 7440-61-1 | 0.126539 | | pCi/g | ! | V_ |
| | AS00001PE | 0 | | | URANIUM-238 | 7440-61-1 | 0.004 | | pCi/g | | Z |
| | AS00002PE | 0 | | | URANIUM-238 | 7440-61-1 | 0.014 | | pCi/g | <u> </u> | Z |
| | AS00003PE | 0 | | | URANIUM-238 | 7440-61-1 | 0.004 | | | <u> </u> | Z |
| SS400293 | | 0 | | | URANIUM-238 | 7440-61-1 | 0.0976416 | | | | A |
| SS400393 | | 0 | | | | 7440-61-1 | 0.1 | | pCi/g | | V |
| SS400593 | | 0 | 2 | | | 7440-61-1 | 0.1 | | pCi/g | <u> </u> | V |
| SS400693 | | 0 | 2 | | | 7440-61-1 | 0.07 | | pCi/g | <u> </u> | V |
| SS400793 | | 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.0586636 | | | ! | A |
| | SS40024AE | 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.029 | | | | A |
| | SS40027AE | | 2 | | URANIUM-238 | 7440-61-1 | 0.017 | | | | A |
| SS401293 | | 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.0537841 | | | 1 | A |
| SS401393 | | 0) | | | | 7440-61-1 | 0.0407751 | | | | A |
| SS401593 | | 0 | 2 | | | 7440-61-1 | 0.0640046 0.0836546 | | | | A |
| | SS40032AE | | | | | 7440-61-1 | | | | | A |
| S\$401893 | | 0 | 2 | | | 7440-61-1 | 0.0541996 | | pCi/g | | A |
| SS402393 SS402593 | | 0 | 2 | | | 7440-61-1 7440-61-1 | 0.0782848 0.034 | | pCi/g | <u> </u> | A |
| | | 0 | 2 | | | | | | pCi/g | i ID | A. |
| SS402793 | | | | | | 7440-61-1 | 0.006 | 0.3 | | | V |
| | SS40044AE SS40045AE | 0 | | | | 7440-61-1 | | | pCi/g | | ٧ |
| | | | | | | 7440-61-1 | 0.1 | | pCi/g | | V |
| | SS40046AE SS40047AE | 0 | | | | 7440-61-1 | 0.014 | | pCi/g | | V |
| | | 0 | | | URANIUM-238 | 7440-61-1 7440-61-1 | 0.024 | | | | V |
| | SS40048AE SS40049AE | 0 | | | URANIUM-238 | | 0.005 | | | | V |
| | | | | | URANIUM-238 | 7440-61-1 | 0.015 | | | | V |
| | SS40050AE | 0 | 2 | | URANIUM-238 | 7440-61-1 | 0.016 | | | | V |
| | SS40051AE | <u></u> | 2 | | URANIUM-238 | 7440-61-1 | 0.007 | ····· | | | V |
| | SS40052AE SS60062WC | 0 | 2 | | | 7440-61-1 | 0.006 | | | | V |
| | SS60202WC | 0 | 2 | | URANIUM-238 | 7440-61-1 7440-61-1 | 0.044 | | | | A |
| | SSG0102JE | 0 | | | URANIUM-238 URANIUM-238 | 7440-61-1 | 0.024 0.08 | | | | A V |
| · * | SSG0102JE | 1 0 | | | | 7440-61-1 | 0.08 | | pCi/g pCi/g | | V |
| 00011190 | | , 0 | <u>ي</u> | 11. j | OI VAI 110 IVI-Z30 | 1,-10-01-1 | U.00 | 0.31 | 1 101/9 | <u> </u> | V |

| | ie A.4 Solar Eva | | | | | |
|----------|------------------|----------|-----------|------|-----------|------------|
| | FIELD SAMPLE | ANALYTE | | | | LAB RESULT |
| LOCATION | NUMBER | NAME | CAS NO | | * UNITS * | |
| 48395 | AS00003PE | | 11-09-6 | 30 | mg/kg | U |
| 48295 | AS00002PE | | 11-09-6 | 25.8 | mg/kg | U |
| 48195 | AS00001PE | | 11-09-6 | 26.2 | mg/kg | U |
| 48195 | AS00001PE | Aluminum | 7429-90-5 | 6100 | mg/kg | |
| 46893 | AS40510AE | Aluminum | 7429-90-5 | 3980 | mg/kg | |
| 43693 | AS40506AE | Aluminum | 7429-90-5 | 4520 | mg/Kg | |
| 48295 | AS00002PE | Aluminum | 7429-90-5 | 4210 | mg/kg | |
| 47093 | AS40512AE | Aluminum | 7429-90-5 | 4200 | mg/kg | |
| 43393 | AS40505AE | Aluminum | 7429-90-5 | 3060 | mg/Kg | |
| 46693 | AS40508AE | Aluminum | 7429-90-5 | 4220 | mg/kg | |
| 42593 | AS40504AE | Aluminum | 7429-90-5 | 2850 | mg/Kg | |
| 46993 | AS40511AE | Aluminum | 7429-90-5 | 4890 | mg/kg | |
| 48395 | AS00003PE | Aluminum | 7429-90-5 | 6970 | mg/kg | · |
| 46793 | AS40509AE | Aluminum | 7429-90-5 | 3680 | mg/kg | |
| 41593 | AS40501AE | Aluminum | 7429-90-5 | 2420 | mg/Kg | |
| 42493 | AS40503AE | Aluminum | 7429-90-5 | | mg/Kg | |
| 46593 | AS40507AE | Aluminum | 7429-90-5 | | mg/kg | |
| 42193 | AS40502AE | Aluminum | 7429-90-5 | 4250 | mg/Kg | |
| 43393 | AS40505AE | Antimony | 7440-36-0 | | mg/Kg | U |
| 42493 | AS40503AE | Antimony | 7440-36-0 | | mg/Kg | U |
| 46993 | AS40511AE | Antimony | 7440-36-0 | | | U |
| 46793 | AS40509AE | Antimony | 7440-36-0 | | | U |
| 42193 | AS40502AE | Antimony | 7440-36-0 | | mg/Kg | U |
| 46893 | AS40510AE | Antimony | 7440-36-0 | | mg/kg | U |
| 43693 | AS40506AE | Antimony | 7440-36-0 | | mg/Kg | U |
| 46593 | AS40507AE | Antimony | 7440-36-0 | | mg/kg | U |
| 48395 | AS00003PE | Antimony | 7440-36-0 | | mg/kg | U,N |
| 41593 | AS40501AE | Antimony | 7440-36-0 | | mg/Kg | U |
| 42593 | AS40504AE | Antimony | 7440-36-0 | | mg/Kg | υ |
| 48195 | AS00001PE | Antimony | 7440-36-0 | 5.1 | mg/kg | U,N |
| 47093 | AS40512AE | Antimony | 7440-36-0 | | mg/kg | U |
| 48295 | AS00002PE | Antimony | 7440-36-0 | | mg/kg | N |
| 46693 | AS40508AE | Antimony | 7440-36-0 | | mg/kg | U |
| 42493 | AS40503AE | Arsenic | 7440-38-2 | 1.6 | mg/Kg | U |
| 43393 | AS40505AE | Arsenic | 7440-38-2 | | mg/Kg | U |
| 46693 | AS40508AE | Arsenic | 7440-38-2 | | mg/kg | |
| 47093 | AS40512AE | Arsenic | 7440-38-2 | | mg/kg | |
| 46993 | AS40511AE | Arsenic | 7440-38-2 | | mg/kg | , |
| 43693 | AS40506AE | Arsenic | 7440-38-2 | | mg/Kg | U |
| 46593 | AS40507AE | Arsenic | 7440-38-2 | | mg/kg | |
| 48195 | AS00001PE | Arsenic | 7440-38-2 | | mg/kg | B,W |
| 42593 | AS40504AE | Arsenic | 7440-38-2 | | mg/Kg | U |
| 46893 | AS40510AE | Arsenic | 7440-38-2 | | mg/kg | |
| 48295 | AS00002PE | Arsenic | 7440-38-2 | | mg/kg | B,W |
| 42193 | AS40502AE | Arsenic | 7440-38-2 | | mg/Kg | U |
| 48395 | AS00003PE | Arsenic | 7440-38-2 | | mg/kg | B,W |
| 41593 | AS40501AE | Arsenic | 7440-38-2 | | mg/Kg | U |
| 46793 | AS40509AE | Arsenic | 7440-38-2 | | mg/kg | |
| 46793 | AS40509AE | Arsenic | 7440-38-2 | 1.5 | mg/kg | |

| | le A.4 Solar Eva | | | | | |
|------------------|------------------|-----------|--|--|----------|--------------------|
| | 04 | | 海通水 | | in color | LAB RESULT |
| 1 1 2 3 A A . S. | FIELD SAMPLE | | | | | |
| LOCATION | NUMBER | NAME | The state of the s | and the same of the same of the same | | QUALIFIER ⊗ |
| 46893 | AS40510AE | Barium | 7440-39-3 | | mg/kg | <u> </u> |
| 48195 | AS00001PE | Barium | 7440-39-3 | 50.4 | mg/kg | В |
| 43693 | AS40506AE | Barium ' | 7440-39-3 | 57.5 | mg/Kg | |
| 48395 | AS00003PE | Barium | 7440-39-3 | 56.4 | mg/kg | B |
| 46693 | AS40508AE | Barium | 7440-39-3 | 51.7 | mg/kg | |
| 42193 | AS40502AE | Barium | 7440-39-3 | 47.7 | mg/Kg | |
| 46793 | AS40509AE | Barium | 7440-39-3 | 41 | mg/kg | |
| 47093 | AS40512AE | Barium | 7440-39-3 | 51.3 | mg/kg | |
| 42493 | AS40503AE | Barium | 7440-39-3 | 50.1 | mg/Kg | |
| 41593 | AS40501AE | Barium | 7440-39-3 | 29.6 | mg/Kg | В |
| 42593 | AS40504AE | Barium | 7440-39-3 | 37.5 | mg/Kg | В |
| 43393 | AS40505AE | Barium | 7440-39-3 | | mg/Kg | В |
| 46593 | AS40507AE | Barium | 7440-39-3 | | mg/kg | <u> </u> |
| 46993 | AS40511AE | Barium | 7440-39-3 | | mg/kg | |
| 48295 | AS00002PE | Barium | 7440-39-3 | | mg/kg | В |
| 41593 | AS40501AE | Beryllium | 7440-41-7 | | mg/Kg | U |
| 43693 | AS40506AE | Beryllium | 7440-41-7 | | mg/Kg | U |
| 43393 | AS40505AE | Beryllium | 7440-41-7 | | mg/Kg | U |
| 46893 | AS40510AE | Beryllium | 7440-41-7 | | mg/kg | В |
| 48195 | AS00001PE | Beryllium | 7440-41-7 | | mg/kg | В |
| 46593 | AS40507AE | Beryllium | 7440-41-7 | | mg/kg | В |
| 47093 | AS40512AE | Beryllium | 7440-41-7 | | mg/kg | В |
| 46993 | AS40511AE | Beryllium | 7440-41-7 | | mg/kg | В |
| 48295 | AS00002PE | Beryllium | 7440-41-7 | | mg/kg | U |
| 46693 | AS40508AE | Beryllium | 7440-41-7 | | mg/kg | В |
| 48395 | AS00003PE | Beryllium | 7440-41-7 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | mg/kg | U |
| 42493 | AS40503AE | Beryllium | 7440-41-7 | | mg/Kg | U |
| | AS40509AE | Beryllium | 7440-41-7 | | mg/kg | U |
| <u> </u> | AS40509AE | Beryllium | 7440-41-7 | | | U |
| 42593 | AS40502AE | Beryllium | 7440-41-7 | | mg/Kg | U |
| 46693 | AS40504AE | Cadmium | 7440-41-7 | | mg/Kg | 0 |
| 48195 | AS00001PE | · | 7440-43-9 | | mg/kg | U |
| <u></u> | | | 7440-43-9 | | mg/kg | U* |
| | } | ,a | | | | U |
| 46793 | AS40509AE | Cadmium | 7440-43-9 | | mg/kg | * |
| 41593 | AS40501AE | Cadmium | 7440-43-9 | | mg/Kg | |
| 46593 | AS40507AE | Cadmium | 7440-43-9 | | mg/kg | + |
| 43693 | AS40506AE | Cadmium | 7440-43-9 | | mg/Kg | 1114 |
| 43393 | AS40505AE | | 7440-43-9 | | mg/Kg | U* |
| 46893 | AS40510AE | Cadmium | 7440-43-9 | ************************************* | mg/kg | D+ |
| 42493 | AS40503AE | Cadmium | 7440-43-9 | | mg/Kg | B* |
| | AS40512AE | Cadmium | 7440-43-9 | | mg/kg | |
| 46993 | AS40511AE | Cadmium | 7440-43-9 | | mg/kg | |
| 48395 | AS00003PE | Cadmium | 7440-43-9 | | mg/kg | U |
| 42193 | AS40502AE | Cadmium | 7440-43-9 | | mg/Kg | <u>*</u> |
| 48295 | AS00002PE | Cadmium | 7440-43-9 | | mg/kg | Į U |
| 46593 | AS40507AE | CALCIUM | 7440-70-2 | | mg/kg | |
| 42493 | AS40503AE | CALCIUM | 7440-70-2 | | mg/Kg | |
| 46793 | AS40509AE | CALCIUM | 7440-70-2 | 1470 | mg/kg | <u> </u> |

| | ie A.4 Solar Eva | | | | | |
|-------------------------------|--|----------|-----------|---|-------|--|
| The state of the state of the | FIELD SAMPLE | | | | | LAB RESULT. |
| LOCATION | The same and the s | | CAS NO | | UNITS | QUALIFIER |
| 46693 | AS40508AE | CALCIUM | 7440-70-2 | 2200 | mg/kg | and the Samuel of Samuel and Samu |
| 42193 | AS40502AE | CALCIUM | 7440-70-2 | | mg/Kg | |
| 47093 | AS40512AE | | 7440-70-2 | | mg/kg | |
| 48195 | AS00001PE | CALCIUM | 7440-70-2 | | mg/kg | Ì |
| 41593 | AS40501AE | CALCIUM | 7440-70-2 | | mg/Kg | В |
| 43393 | AS40505AE | CALCIUM | 7440-70-2 | | mg/Kg | |
| 46993 | AS40511AE | CALCIUM | 7440-70-2 | | mg/kg | |
| 43693 | AS40506AE | CALCIUM | 7440-70-2 | | mg/Kg | |
| 48395 | AS00003PE | CALCIUM | 7440-70-2 | | mg/kg | |
| 46893 | AS40510AE | CALCIUM | 7440-70-2 | | mg/kg | |
| 48295 | AS00002PE | CALCIUM | 7440-70-2 | | mg/kg | |
| 42593 | AS40504AE | CALCIUM | 7440-70-2 | | mg/Kg | |
| 41593 | AS40501AE | CESIUM | 7440-46-2 | | mg/Kg | В |
| 42593 | AS40504AE | CESIUM | 7440-46-2 | | mg/Kg | В |
| 47093 | AS40512AE | CESIUM | 7440-46-2 | | mg/kg | В |
| 43393 | AS40505AE | CESIUM | 7440-46-2 | | mg/Kg | В |
| 46893 | AS40510AE | CESIUM | 7440-46-2 | | mg/kg | В |
| 46993 | AS40511AE | CESIUM | 7440-46-2 | | mg/kg | В |
| 48195 | AS00001PE | CESIUM | 7440-46-2 | | mg/kg | U |
| 43693 | AS40506AE | CESIUM | 7440-46-2 | | mg/Kg | В |
| 46593 | AS40507AE | CESIUM | 7440-46-2 | | mg/kg | В |
| 46693 | AS40508AE | CESIUM | 7440-46-2 | | mg/kg | В |
| 46793 | AS40509AE | CESIUM | 7440-46-2 | | mg/kg | В |
| 48395 | AS00003PE | CESIUM | 7440-46-2 | | mg/kg | U |
| 48295 | AS00002PE | CESIUM | 7440-46-2 | | mg/kg | U |
| 42193 | AS40502AE | CESIUM | 7440-46-2 | | mg/Kg | В |
| 42493 | AS40503AE | CESIUM | 7440-46-2 | | mg/Kg | В |
| 48395 | AS00003PE | | 7440-47-3 | | mg/kg | |
| 42593 | AS40504AE | CHROMIUM | 7440-47-3 | | mg/Kg | |
| 43393 | AS40505AE | CHROMIUM | 7440-47-3 | | mg/Kg | |
| 43693 | AS40506AE | CHROMIUM | 7440-47-3 | | mg/Kg | |
| 48295 | AS00002PE | CHROMIUM | 7440-47-3 | | mg/kg | |
| 42193 | AS40502AE | | 7440-47-3 | | mg/Kg | |
| 42493 | AS40503AE | | 7440-47-3 | | mg/Kg | |
| 41593 | AS40501AE | | 7440-47-3 | | mg/Kg | |
| 46693 | AS40508AE | | 7440-47-3 | | mg/kg | |
| 48195 | AS00001PE | CHROMIUM | 7440-47-3 | | mg/kg | |
| 46893 | AS40510AE | | 7440-47-3 | | mg/kg | |
| 47093 | AS40512AE | CHROMIUM | 7440-47-3 | | mg/kg | |
| 46993 | AS40511AE | ····· | 7440-47-3 | *************************************** | mg/kg | |
| 46793 | AS40509AE | | 7440-47-3 | | mg/kg | |
| 46593 | A\$40507AE | CHROMIUM | 7440-47-3 | | mg/kg | |
| 42193 | AS40502AE | Cobalt | 7440-48-4 | | mg/Kg | В |
| 48295 | AS00002PE | Cobalt | 7440-48-4 | | mg/kg | В |
| 46793 | AS40509AE | Cobalt | 7440-48-4 | | mg/kg | В |
| 46693 | AS40508AE | Cobalt | 7440-48-4 | | mg/kg | В |
| 42593 | AS40504AE | Cobalt | 7440-48-4 | | mg/Kg | В |
| 48395 | AS00003PE | Cobalt | 7440-48-4 | | mg/kg | В |
| · | <u> </u> | | | | | ` |

| 75 * 9* 1 W 2 2 3 3 4 W 2 2 8 38 | ie A.4 Sulai Eva | entices with the Final Action 5 | St. April Str. March | | Biological Control | 7 |
|----------------------------------|------------------|--|----------------------|--------|--------------------|------------|
| 4.4 | FIELD SAMPLE | ANALYTE | | | | LAB RESULT |
| LOCATION | NUMBER | NAME | CAS NO | RESULT | UNITS | QUALIFIER |
| 48195 | AS00001PE | Cobait | 7440-48-4 | | mg/kg | В |
| 46593 | AS40507AE | Cobalt | 7440-48-4 | 3.9 | mg/kg | B |
| 43693 | AS40506AE | Cobalt | 7440-48-4 | 3.2 | mg/Kg | В |
| 41593 | AS40501AE | Cobalt | 7440-48-4 | 1.4 | mg/Kg | U |
| 43393 | AS40505AE | Cobalt | 7440-48-4 | 2.8 | mg/Kg | В |
| 46993 | AS40511AE | Cobalt | 7440-48-4 | 4.2 | mg/kg | В |
| 46893 | AS40510AE | Cobalt | 7440-48-4 | 3.7 | mg/kg | В |
| 47093 | AS40512AE | Cobalt | 7440-48-4 | 4.7 | mg/kg | В |
| 42493 | AS40503AE | Cobalt | 7440-48-4 | 3.4 | mg/Kg | В |
| 42193 | AS40502AE | Copper | 7440-50-8 | 11.5 | mg/Kg | |
| 46993 | AS40511AE | Copper | 7440-50-8 | 19.6 | mg/kg | |
| 47093 | AS40512AE | Copper | 7440-50-8 | 11.5 | mg/kg | |
| 48195 | AS00001PE | Copper | 7440-50-8 | 9.6 | mg/kg | |
| 43393 | AS40505AE | Copper | 7440-50-8 | 4.4 | mg/Kg | U |
| 48395 | AS00003PE | Copper | 7440-50-8 | 11.7 | mg/kg | |
| 48295 | AS00002PE | Copper | 7440-50-8 | 9.7 | mg/kg | |
| 46893 | AS40510AE | Copper | 7440-50-8 | 10.8 | mg/kg | |
| 42593 | AS40504AE | Copper | 7440-50-8 | 7.7 | mg/Kg | |
| 46693 | AS40508AE | Copper | 7440-50-8 | 24.6 | mg/kg | |
| 46593 | AS40507AE | Copper | 7440-50-8 | 19.9 | mg/kg | |
| 42493 | AS40503AE | Copper | 7440-50-8 | 9.9 | mg/Kg | |
| 41593 | AS40501AE | Copper | 7440-50-8 | 7 | mg/Kg | |
| 43693 | AS40506AE | Copper | 7440-50-8 | 22.1 | mg/Kg | |
| 46793 | AS40509AE | Copper | 7440-50-8 | 16.2 | mg/kg | |
| 47093 | AS40512AE | Cyanide | 57-12-5 | | mg/kg | В |
| 46993 | AS40511AE | Cyanide | 57-12-5 | 0.14 | mg/kg | В |
| 46793 | AS40509AE | Cyanide | 57-12-5 | 0.1 | mg/kg | U |
| 46893 | AS40510AE | Cyanide | 57-12-5 | 0.1 | mg/kg | U |
| 46593 | AS40507AE | Cyanide | 57-12-5 | 0.1 | mg/kg | U |
| 46693 | AS40508AE | Cyanide | 57-12-5 | 0.1 | mg/kg | U |
| 42493 | | Iron | 7439-89-6 | 7170 | mg/Kg | |
| 47093 | | Iron | 7439-89-6 | | mg/kg | |
| 48195 | | ************************************** | 7439-89-6 | 11100 | mg/kg | |
| 46993 | · | Iron | 7439-89-6 | | mg/kg | |
| 43693 | | Iron | 7439-89-6 | 9340 | mg/Kg | |
| 46893 | | | 7439-89-6 | | mg/kg | |
| <u> </u> | | | 7439-89-6 | | mg/kg | |
| 48395 | | Iron | 7439-89-6 | 12200 | | |
| (| | | 7439-89-6 | 5940 | mg/Kg | |
| <u> </u> | AS00002PE | Iron | 7439-89-6 | 8710 | mg/kg | |
| [| ····· | Iron | 7439-89-6 | | mg/Kg | |
| <u> </u> | | Iron | 7439-89-6 | | mg/kg | |
| | | Iron | 7439-89-6 | | mg/kg | |
| | | Iron | 7439-89-6 | | mg/Kg | |
| <u> </u> | | Iron | 7439-89-6 | | mg/Kg | |
| | ····· | Lead | 7439-92-1 | | mg/kg | |
| | | Lead | 7439-92-1 | | mg/kg | |
| 46593 | AS40507AE | Lead | 7439-92-1 | 6 | mg/kg | |

| F 95 38 97 89 32 7 1 123 | To 74-7 Ocial Eva | poration Pond | | | | |
|--------------------------|--|---------------|-----------|----------|-------|------------|
| | FIELD SAMPLE | ANALYTÉ | B | | | LAB RESULT |
| | · NUMBER · | NAME : | CAS NO | RESULT | UNITS | QUALIFIER |
| 41593 | AS40501AE | Lead | 7439-92-1 | | mg/Kg | S* |
| 48195 | AS00001PE | Lead | 7439-92-1 | <u> </u> | mg/kg | |
| 42493 | AS40503AE | Lead | 7439-92-1 | | mg/Kg | * |
| 48295 | AS00002PE | Lead | 7439-92-1 | | mg/kg | |
| 46693 | AS40508AE | Lead | 7439-92-1 | | mg/kg | |
| 43693 | AS40506AE | Lead | 7439-92-1 | | mg/Kg | +* |
| 48395 | AS00003PE | Lead | 7439-92-1 | | mg/kg | |
| 42593 | AS40504AE | Lead | 7439-92-1 | | mg/Kg | S* |
| 46893 | AS40510AE | Lead | 7439-92-1 | | mg/kg | |
| 46793 | AS40509AE | Lead | 7439-92-1 | | mg/kg | · |
| 42193 | AS40502AE | Lead | 7439-92-1 | | mg/Kg | * |
| 43393 | AS40505AE | Lead | 7439-92-1 | | mg/Kg | S* |
| 46993 | AS40511AE | Lithium | 7439-93-2 | | mg/kg | |
| 43693 | AS40506AE | Lithium | 7439-93-2 | 13.4 | mg/Kg | |
| 42193 | AS40502AE | Lithium | 7439-93-2 | | mg/Kg | |
| 46593 | AS40507AE | Lithium | 7439-93-2 | 7.9 | mg/kg | В |
| 48395 | AS00003PE | Lithium | 7439-93-2 | 13.1 | mg/kg | В |
| 43393 | AS40505AE | Lithium | 7439-93-2 | 6.5 | mg/Kg | |
| 42493 | AS40503AE | Lithium | 7439-93-2 | 4.7 | mg/Kg | |
| 41593 | AS40501AE | Lithium | 7439-93-2 | 4.1 | mg/Kg | |
| 46793 | AS40509AE | Lithium | 7439-93-2 | 7 | mg/kg | В |
| 48195 | AS00001PE | Lithium | 7439-93-2 | 12.1 | mg/kg | В |
| 48295 | AS00002PE | Lithium | 7439-93-2 | 8.5 | mg/kg | В |
| 42593 | AS40504AE | Lithium | 7439-93-2 | 3.8 | mg/Kg | В |
| 46893 | AS40510AE | Lithium | 7439-93-2 | 7.5 | mg/kg | В |
| 47093 | AS40512AE | Lithium | 7439-93-2 | | mg/kg | В |
| 46693 | AS40508AE | Lithium | 7439-93-2 | | mg/kg | В |
| 41593 | | | 7439-95-4 | | mg/Kg | |
| 47093 | | | 7439-95-4 | | mg/kg | |
| 43393 | | MAGNESIUM | 7439-95-4 | | mg/Kg | |
| 46793 | | MAGNESIUM | 7439-95-4 | | mg/kg | |
| 46593 | AS40507AE | MAGNESIUM | 7439-95-4 | | mg/kg | |
| 48395 | | | 7439-95-4 | | mg/kg | |
| 42493 | · | | 7439-95-4 | | mg/Kg | |
| 46693 | | ······ | 7439-95-4 | | mg/kg | |
| 43693 | | | 7439-95-4 | | mg/Kg | |
| 42193 | | MAGNESIUM | 7439-95-4 | | mg/Kg | |
| 48295 | | | 7439-95-4 | | mg/kg | |
| 48195 | —————————————————————————————————————— | | 7439-95-4 | | mg/kg | |
| 42593 | | MAGNESIUM | 7439-95-4 | | mg/Kg | |
| 46893 | | MAGNESIUM | 7439-95-4 | | mg/kg | |
| 46993 | | MAGNESIUM | 7439-95-4 | | mg/kg | A. |
| 41593 | | Manganese | 7439-96-5 | | | N |
| 42593 | | Manganese | 7439-96-5 | | | N |
| 43393 | · | Manganese | 7439-96-5 | | | N |
| 42493 | ······································ | Manganese | 7439-96-5 | · | | N |
| 48395 42193 | | Manganese | 7439-96-5 | | mg/kg | NI |
| 172 133 | MO4UUUZAE | Manganese | 7439-96-5 | 117 | mg/Kg | N |

| I a D | ie A.4 Solar Eva | | | | | |
|----------|---|---------------------------------------|-----------|--|-------------|------------|
| | FIELD SAMPLE | ANALYTE | | | the section | LAB RESULT |
| LOCATION | NUMBER | NAME | CAS NO | RESULT | ⊥ UNITS | QUALIFIER |
| 43693 | AS40506AE | Manganese | 7439-96-5 | Something the state of the stat | mg/Kg | N |
| 46993 | AS40511AE | Manganese | 7439-96-5 | , | mg/kg | |
| 46793 | AS40509AE | Manganese | 7439-96-5 | | mg/kg | |
| 46893 | AS40510AE | Manganese | 7439-96-5 | | mg/kg | |
| 47093 | AS40512AE | Manganese | 7439-96-5 | | mg/kg | |
| 46593 | AS40507AE | | 7439-96-5 | | mg/kg | |
| 48195 | AS00001PE | Manganese | 7439-96-5 | | mg/kg | |
| 46693 | AS40508AE | Manganese | 7439-96-5 | | mg/kg | |
| 48295 | AS00002PE | Manganese | 7439-96-5 | | mg/kg | |
| 48295 | AS00002PE | Mercury | 7439-97-6 | | mg/kg | ĺU |
| 48395 | AS00003PE | Mercury | 7439-97-6 | | mg/kg | U |
| 48195 | AS00001PE | Mercury | 7439-97-6 | | mg/kg | U |
| 46893 | AS40510AE | Molybdenum | 7439-98-7 | | mg/kg | U |
| 48295 | AS00002PE | Molybdenum | 7439-98-7 | | mg/kg | U |
| 46993 | AS40511AE | Molybdenum | 7439-98-7 | | mg/kg | U |
| 46793 | AS40509AE | | 7439-98-7 | | mg/kg | Ū |
| 42593 | AS40504AE | Molybdenum | 7439-98-7 | 6.2 | mg/Kg | U |
| 42193 | | Molybdenum | 7439-98-7 | | mg/Kg | U |
| 46593 | | Molybdenum | 7439-98-7 | · | mg/kg | U |
| 48395 | AS00003PE | Molybdenum | 7439-98-7 | | mg/kg | Ū |
| 42493 | AS40503AE | Molybdenum | 7439-98-7 | | mg/Kg | U |
| 46693 | | | 7439-98-7 | | mg/kg | U |
| 48195 | AS00001PE | Molybdenum | 7439-98-7 | | ug/kg | U |
| 47093 | AS40512AE | Molybdenum | 7439-98-7 | | mg/kg | U |
| 43693 | AS40506AE | Molybdenum | 7439-98-7 | | mg/Kg | U |
| 43393 | AS40505AE | Molybdenum | 7439-98-7 | | mg/Kg | Ū |
| 41593 | AS40501AE | Molybdenum | 7439-98-7 | | mg/Kg | U |
| 42593 | | Nickel | 7440-02-0 | | mg/Kg | |
| 46793 | AS40509AE | Nickel | 7440-02-0 | | mġ/kg | |
| 42193 | AS40502AE | Nickel | 7440-02-0 | | mg/Kg | |
| 43693 | AS40506AE | Nickel | 7440-02-0 | | mg/Kg | |
| 46593 | | Nickel | 7440-02-0 | | mg/kg | |
| 48395 | | | 7440-02-0 | | | В |
| 47093 | | · · · · · · · · · · · · · · · · · · · | 7440-02-0 | | mg/kg | |
| 41593 | *************************************** | | 7440-02-0 | | mg/Kg | |
| 42493 | | | 7440-02-0 | | mg/Kg | |
| 46693 | | ······ | 7440-02-0 | | mg/kg | |
| 48195 | | | 7440-02-0 | | mg/kg | В |
| 46993 | | | 7440-02-0 | | mg/kg | |
| 43393 | | | 7440-02-0 | | mg/Kg | |
| 46893 | | | 7440-02-0 | | mg/kg | |
| 48295 | | | 7440-02-0 | | mg/kg | В |
| 48295 | AS00002PE | | 7440-09-7 | | mg/kg | |
| 42493 | | ····· | 7440-09-7 | | mg/Kg | |
| 48195 | AS00001PE | | 7440-09-7 | | mg/kg | |
| 46693 | AS40508AE | | 7440-09-7 | | mg/kg | |
| 43393 | | | 7440-09-7 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | mg/Kg | |
| 41593 | | | 7440-09-7 | | mg/Kg | |
| | | | | .000 | | <u> </u> |

| 1 GD | ile A.4 Solar Eva | | | | | |
|----------------|-------------------|------------------|------------------------|---------------------------------------|-------|------------|
| | FIELD SAMPLE | ANALYTE | | | | LAB RESULT |
| LOCATION | NUMBER . | NAME . | CAS NO | RESULT | UNITS | QUALIFIER |
| 46993 | AS40511AE | POTASSIUM | 7440-09-7 | 2200 | mg/kg | |
| 42593 | AS40504AE | POTASSIUM | 7440-09-7 | 1010 | mg/Kg | |
| 46893 | AS40510AE | POTASSIUM | 7440-09-7 | 1700 | mg/kg | |
| 46593 | AS40507AE | POTASSIUM | 7440-09-7 | | mg/kg | |
| 43693 | AS40506AE | POTASSIUM | 7440-09-7 | | mg/Kg | |
| 47093 | AS40512AE | POTASSIUM | 7440-09-7 | 2030 | mg/kg | |
| 42193 | AS40502AE | POTASSIUM | 7440-09-7 | | mg/Kg | |
| 46793 | AS40509AE | POTASSIUM | 7440-09-7 | | mg/kg | |
| 48395 | AS00003PE | POTASSIUM | 7440-09-7 | | mg/kg | |
| 46993 | AS40511AE | Selenium | 7782-49-2 | | mg/kg | Ū |
| 46693 | AS40508AE | Selenium | 7782-49-2 | | mg/kg | Ū |
| 41593 | AS40501AE | Selenium | 7782-49-2 | } | mg/Kg | Ū |
| 48195 | AS00001PE | Selenium | 7782-49-2 | | mg/kg | B,WN |
| 48395 | AS00003PE | Selenium | 7782-49-2 | | mg/kg | B,WN |
| 42193 | | Selenium | 7782-49-2 | | mg/Kg | U |
| 47093 | AS40512AE | Selenium | 7782-49-2 | | mg/kg | Ū |
| 46793 | AS40509AE | Selenium | 7782-49-2 | | mg/kg | U |
| 46893 | AS40510AE | Selenium | 7782-49-2 | | mg/kg | U |
| 43393 | AS40505AE | Selenium | 7782-49-2 | | mg/Kg | Ū |
| 48295 | | Selenium | 7782-49-2 | | mg/kg | B,WN |
| 42593 | AS40504AE | Selenium | 7782-49-2 | | mg/Kg | U |
| 46593 | AS40507AE | Selenium | 7782-49-2 | | mg/kg | Ü |
| 43693 | AS40506AE | Selenium | 7782-49-2 | | mg/Kg | U |
| 42493 | AS40503AE | Selenium | 7782-49-2 | | mg/Kg | UW |
| 42593 | AS40504AE | Silver | 7440-22-4 | | mg/Kg | U |
| 42193 | AS40502AE | Silver | 7440-22-4 | | | U |
| 43693 | AS40506AE | Silver | 7440-22-4 | | | U |
| 41593 | AS40501AE | Silver | 7440-22-4 | | | U |
| 47093 | AS40512AE | Silver | 7440-22-4 | | mg/kg | U |
| 46593 | AS40507AE | Silver | 7440-22-4 | | | U |
| 46893 | AS40510AE | Silver | 7440-22-4 | | mg/kg | Ū |
| 46993 | AS40511AE | Silver | 7440-22-4 | | mg/kg | Ü |
| 48295 | | Silver | 7440-22-4 | | | U |
| | | | 7440-22-4 | | mg/kg | U |
| 43393 | AS40505AE | | 7440-22-4 | | | U |
| 46693 | AS40508AE | | 7440-22-4 | | | U |
| · | AS00003PE | | 7440-22-4 | | | U |
| | AS40503AE | Silver | 7440-22-4 | | | U |
| | AS00001PE | Silver | 7440-22-4 | | | U |
| · | | SODIUM | 7440-22-4 | | | В |
| 48195 | , | SODIUM | | | | D |
| 46593 | | SODIUM | 7440-23-5 7440-23-5 | · · · · · · · · · · · · · · · · · · · | mg/kg | B |
| | | | | | | В |
| 46993 46893 | L | SODIUM SODIUM | 7440-23-5 | | | В |
| 42593 | | | 7440-23-5 | · | | В |
| | | SODIUM | 7440-23-5 | | | В |
| 46693 46703 | | SODIUM | 7440-23-5 | | | В |
| 46793 | | SODIUM | 7440-23-5 | | ; | В |
| 42193 | AS40502AE | SODIUM | 7440-23-5 | 1000 | mg/Kg | |

| | ie A.4 Solar Eva | | | | | er - Metais |
|----------------|------------------------|----------------------|--|--|-----------------|-------------|
| | FIELD SAMPLE | ANALYTE | rich de la companya d | | | LAB RESULT |
| LOCATION | NUMBER | NAME | CÁS NO | RESULT | VUNITS ■ | QUALIFIER |
| 48295 | AS00002PE | SODIUM | 7440-23-5 | متات منطقه المتالية المتالية المتالية المتالية | | В |
| 47093 | AS40512AE | SODIUM | 7440-23-5 | | mg/kg | |
| 42493 | AS40503AE | SODIUM | 7440-23-5 | | mg/Kg | В |
| 48395 | AS00003PE | SODIUM | 7440-23-5 | | mg/kg | В |
| 43393 | AS40505AE | SODIUM | 7440-23-5 | 472 | mg/Kg | В |
| 43693 | AS40506AE | SODIUM | 7440-23-5 | 473 | lmg/Kg | В |
| 47093 | AS40512AE | Strontium | 7440-24-6 | 12.3 | mg/kg | В |
| 46593 | AS40507AE | Strontium | 7440-24-6 | | mg/kg | В |
| 42493 | AS40503AE | Strontium | 7440-24-6 | 11.1 | mg/Kg | В |
| 46893 | AS40510AE | Strontium | 7440-24-6 | 9.2 | mg/kg | В |
| 46993 | AS40511AE | Strontium | 7440-24-6 | | mg/kg | В |
| 42593 | AS40504AE | Strontium | 7440-24-6 | | mg/Kg | В |
| 46693 | AS40508AE | Strontium | 7440-24-6 | | mg/kg | В |
| 43393 | AS40505AE | Strontium | 7440-24-6 | | mg/Kg | В |
| 41593 | AS40501AE | Strontium | 7440-24-6 | | mg/Kg | В |
| 48195 | AS00001PE | Strontium | 7440-24-6 | · · · · · · · · · · · · · · · · · · · | mg/kg | В . |
| 46793 | | Strontium | 7440-24-6 | | mg/kg | В |
| 48395 | AS00003PE | Strontium | 7440-24-6 | | mg/kg | В |
| 48295 | AS00002PE | Strontium | 7440-24-6 | | mg/kg | В |
| 43693 | AS40506AE | Strontium | 7440-24-6 | | mg/Kg | В |
| 42193 | AS40502AE | Strontium | 7440-24-6 | | mg/Kg | В |
| 48295 | AS00002PE | THALLIUM | 7440-28-0 | | mg/kg | U,N |
| 48395 | AS00003PE | THALLIUM | 7440-28-0 | | mg/kg | U,N |
| 48195 | | THALLIUM | 7440-28-0 | | mg/kg | U,N |
| 47093 | AS40512AE | THALLIUM | 7440-28-0 | | | U |
| 46793 | AS40509AE | THALLIUM | 7440-28-0 | | mg/kg | U |
| 46893 46993 | AS40510AE AS40511AE | THALLIUM THALLIUM | 7440-28-0 | *************************************** | | В |
| 46693 | AS40511AE AS40508AE | THALLIUM | 7440-28-0 7440-28-0 | | mg/kg | U |
| 42493 | AS40503AE | THALLIUM | 7440-28-0 | | | U |
| 41593 | AS40501AE | THALLIUM | 7440-28-0 | | mg/Kg mg/Kg | U |
| 42593 | AS40501AE | THALLIUM | 7440-28-0 | | mg/Kg | U |
| | | | 7440-28-0 | | | U |
| | | THALLIUM | 7440-28-0 | | mg/kg | บ |
| 43393 | | THALLIUM | 7440-28-0 | | mg/Kg | U |
| <u> </u> | | THALLIUM | 7440-28-0 | | mg/Kg | U |
| 42593 | | Tin | 7440-31-5 | | mg/Kg | В |
| 46593 | | Tin | 7440-31-5 | | mg/kg | В |
| 48295 | AS00002PE | Tin | 7440-31-5 | | mg/kg | U |
| | AS40508AE | Tin | 7440-31-5 | | | В |
| 43693 | | Tin | 7440-31-5 | | | В |
| | | Tin | 7440-31-5 | | | В |
| | | | 7440-31-5 | | | U |
| | | | 7440-31-5 | | | В |
| 42493 | AS40503AE | Tin | 7440-31-5 | | | В |
| 47093 | AS40512AE | | 7440-31-5 | | | В |
| 42193 | AS40502AE | Tin | 7440-31-5 | 0.49 | | В |
| 48395 | AS00003PE | Tin | 7440-31-5 | 4.9 | mg/kg | U |

| | le A.4 Sulai Eva | | Company of the special state o | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 1000 May 14 1000 May 1000 - 2007 | and the Artist Could be seen to be and the |
|----------|------------------|----------|--|---------------------------------------|----------------------------------|--|
| | FIELD SAMPLE | ANALYTE | | | UNITS | LAB RESULT |
| LOCATION | · NUMBER | NAME | CAS NO | RESULT | UNITS | QUALIFIER |
| 46893 | AS40510AE | Tin | 7440-31-5 | 0.53 | mg/kg | В |
| 46793 | AS40509AE | Tin | 7440-31-5 | 0.53 | mg/kg | В |
| 41593 | AS40501AE | Tin | 7440-31-5 | 0.37 | mg/Kg | В |
| 48395 | AS00003PE | Titanium | 7440-32-6 | 468 | mg/kg | |
| 48295 | AS00002PE | Titanium | 7440-32-6 | 322 | mg/kg | |
| 48195 | AS00001PE | Titanium | 7440-32-6 | 431 | mg/kg | |
| 42593 | AS40504AE | Vanadium | 7440-62-2 | 20.7 | mg/Kg | |
| 42193 | AS40502AE | Vanadium | 7440-62-2 | 20.2 | mg/Kg | |
| 46793 | AS40509AE | Vanadium | 7440-62-2 | 27.4 | mg/kg | |
| 46993 | AS40511AE | Vanadium | 7440-62-2 | 39 | mg/kg | |
| 46693 | AS40508AE | Vanadium | 7440-62-2 | 30.5 | mg/kg | |
| 46893 | AS40510AE | Vanadium | 7440-62-2 | 33.6 | mg/kg | |
| 42493 | AS40503AE | Vanadium | 7440-62-2 | 24.1 | mg/Kg | |
| 47093 | AS40512AE | Vanadium | 7440-62-2 | 35.8 | mg/kg | |
| 48395 | AS00003PE | Vanadium | 7440-62-2 | 35.5 | mg/kg | |
| 41593 | AS40501AE | Vanadium | 7440-62-2 | 19.4 | mg/Kg | |
| 46593 | AS40507AE | Vanadium | 7440-62-2 | 29.9 | mg/kg | |
| 43393 | AS40505AE | Vanadium | 7440-62-2 | 16.3 | mg/Kg | |
| 48295 | AS00002PE | Vanadium | 7440-62-2 | 34.2 | mg/kg | |
| 43693 | AS40506AE | Vanadium | 7440-62-2 | 37.8 | mg/Kg | |
| 48195 | AS00001PE | Vanadium | 7440-62-2 | 36.8 | mg/kg | |
| 41593 | AS40501AE | Zinc | 7440-66-6 | 30.8 | mg/Kg | |
| 47093 | AS40512AE | Zinc | 7440-66-6 | 22.2 | mg/kg | |
| 48395 | AS00003PE | Zinc | 7440-66-6 | 32.6 | mg/kg | |
| 46993 | AS40511AE | Zinc | 7440-66-6 | 24.8 | mg/kg | |
| 46893 | AS40510AE | Zinc | 7440-66-6 | 22.8 | mg/kg | |
| 46793 | AS40509AE | Zinc | 7440-66-6 | 19.9 | mg/kg | |
| 42193 | AS40502AE | Zinc | 7440-66-6 | 25.6 | mg/Kg | |
| 46693 | AS40508AE | Zinc | 7440-66-6 | 25.7 | mg/kg | |
| | AS40506AE | Zinc | 7440-66-6 | | mg/Kg | |
| | AS40503AE | Zinc | 7440-66-6 | | mg/Kg | |
| · | AS00001PE | Zinc | 7440-66-6 | | mg/kg | |
| | | Zinc | 7440-66-6 | 21.1 | mg/Kg | |
| | AS40505AE | Zinc | 7440-66-6 | | mg/Kg | |
| 48295 | AS00002PE | Zinc | 7440-66-6 | | mg/kg | |
| 46593 | AS40507AE | Zinc | 7440-66-6 | 26 | mg/kg | |

| | | tion Ponds AOC - A | | | | · |
|----------|------------------------|--------------------|------------|--------|---------------------------------------|------------|
| | FIELD SAMPLE | | | | | LAR RESULT |
| LOCATION | * NI MRER | ANALYTE NAME | CASNO | RESULT | LINITS | OUALIEIER |
| | AS40502AE | | 14596-10-2 | 0.005 | | < |
| 46693 | AS40508AE | Americium-241 | 14596-10-2 | 4.03 | | |
| 43393 | AS40505AE | Americium-241 | 14596-10-2 | 0.005 | | < |
| 46593 | AS40507AE | Americium-241 | 14596-10-2 | 3.97 | | |
| 48295 | AS00002PE | Americium-241 | 14596-10-2 | 3.063 | | |
| 46793 | A\$40509AE | Americium-241 | 14596-10-2 | 1.73 | | |
| 47093 | AS40512AE | Americium-241 | 14596-10-2 | 0.58 | | |
| 46893 | AS40510AE | Americium-241 | 14596-10-2 | 0.45 | | |
| 41593 | AS40501AE | Americium-241 | 14596-10-2 | 0.003 | | < |
| 42493 | AS40503AE | Americium-241 | 14596-10-2 | 0.003 | | < |
| 46993 | AS40511AE | Americium-241 | 14596-10-2 | 0.58 | | |
| 42593 | AS40504AE | Americium-241 | 14596-10-2 | 0.005 | · · · · · · · · · · · · · · · · · · · | < |
| 48395 | AS00003PE | Americium-241 | 14596-10-2 | 2.951 | | |
| 48195 | AS00003FE AS00001PE | Americium-241 | 14596-10-2 | 8.188 | | |
| 43693 | AS40506AE | Americium-241 | 14596-10-2 | 0.005 | | < |
| | AS40506AE AS40512AE | CESIUM-134 | 13967-70-9 | 0.003 | | < |
| 42193 | AS40512AE AS40502AE | CESIUM-134 | 13967-70-9 | 0.22 | | < |
| | AS40502AE AS40511AE | CESIUM-134 | 13967-70-9 | 0.22 | ~ | < |
| | AS40517AE AS40503AE | CESIUM-134 | 13967-70-9 | 0.22 | | < |
| | AS40503AE AS40504AE | | | | | < |
| 42593 | | CESIUM-134 | 13967-70-9 | 0.18 | | |
| 43693 | AS40506AE | CESIUM-134 | 13967-70-9 | 0.17 | | < |
| 46893 | AS40510AE | CESIUM-134 | 13967-70-9 | 0.09 | | < |
| 43393 | AS40505AE | CESIUM-134 | 13967-70-9 | 0.04 | | < |
| 46593 | AS40507AE | CESIUM-134 | 13967-70-9 | 0.25 | | < |
| 46793 | AS40509AE | CESIUM-134 | 13967-70-9 | 0.22 | | < |
| 41593 | AS40501AE | CESIUM-134 | 13967-70-9 | 0.24 | | < |
| 46693 | AS40508AE | CESIUM-134 | 13967-70-9 | 0.25 | | < |
| 41593 | AS40501AE | CESIUM-137 | 10045-97-3 | 0.1 | | < |
| | AS40506AE | CESIUM-137 | 10045-97-3 | 0.12 | | < |
| 43393 | AS40505AE | CESIUM-137 | 10045-97-3 | 0.08 | | < |
| | AS40507AE | CESIUM-137 | 10045-97-3 | 0.17 | | < |
| 47093 | AS40512AE | CESIUM-137 | 10045-97-3 | 0.17 | | < |
| | AS40511AE | | 10045-97-3 | 0.1 | | < |
| 46693 | AS40508AE | CESIUM-137 | 10045-97-3 | 0.16 | | < |
| 46793 | AS40509AE | CESIUM-137 | 10045-97-3 | 0.12 | | < |
| 42593 | AS40504AE | CESIUM-137 | 10045-97-3 | 0.07 | , | < |
| 46893 | AS40510AE | CESIUM-137 | 10045-97-3 | 0.14 | | < |
| 42493 | AS40503AE | CESIUM-137 | 10045-97-3 | 0.09 | F 9 | < |
| 42193 | AS40502AE | CESIUM-137 | 10045-97-3 | 0.07 | | < . |
| 42193 | AS40502AE | | 13981-16-3 | 0.009 | | < |
| 43693 | | | 13981-16-3 | 0.017 | | < |
| 42493 | AS40503AE | PLUTONIUM-238 | 13981-16-3 | 0.009 | | < |
| 42593 | AS40504AE | | 13981-16-3 | 0.016 | · · · · · · · · · · · · · · · · · · · | |
| 41593 | AS40501AE | PLUTONIUM-238 | 13981-16-3 | 0.015 | | < |
| 43393 | AS40505AE | PLUTONIUM-238 | 13981-16-3 | 0.01 | | < |
| 48395 | AS00003PE | Plutonium-239/240 | | 1.31 | | |
| 42193 | AS40502AE | Plutonium-239/240 | | 0.071 | | |
| 42493 | AS40503AE | Plutonium-239/240 | 10-12-8 | 0.007 | pCi/g | < |

| 47093 | AS40512AE | Plutonium-239/240 | 10-12-8 | 0.22 | pCi/g | • |
|-------|-----------|---------------------------------------|------------|-------|-------|----------|
| 43393 | AS40505AE | Plutonium-239/240 | 10-12-8 | 0.009 | pCi/g | < |
| 48195 | AS00001PE | Plutonium-239/240 | 10-12-8 | 3.361 | pCi/g | |
| 48295 | AS00002PE | | 10-12-8 | 1.532 | pCi/g | |
| 42593 | AS40504AE | Plutonium-239/240 | 10-12-8 | 0.053 | pCi/g | |
| 46893 | AS40510AE | <i></i> | 10-12-8 | 0.22 | pCi/g | |
| 46793 | AS40509AE | Plutonium-239/240 | 10-12-8 | 0.3 | pCi/g | |
| 46593 | AS40507AE | | 10-12-8 | 0.68 | pCi/g | |
| 46693 | AS40508AE | · · · · · · · · · · · · · · · · · · · | 10-12-8 | 3.13 | pCi/g | <u>:</u> |
| 41593 | AS40501AE | | 10-12-8 | 0.107 | pCi/g | |
| 43693 | AS40506AE | | 10-12-8 | 2.23 | pCi/g | |
| 46993 | AS40511AE | | 10-12-8 | 0.5 | pCi/g | |
| 41593 | AS40501AE | STRONTIUM-89 | 14158-27-1 | 0.2 | pCi/g | |
| 43393 | AS40505AE | STRONTIUM-89 | 14158-27-1 | 0.1 | pCi/g | |
| 43693 | AS40506AE | STRONTIUM-89 | 14158-27-1 | 0 | pCi/g | |
| 46893 | AS40510AE | STRONTIUM-89 | 14158-27-1 | 0.4 | pCi/g | |
| 42493 | AS40503AE | STRONTIUM-89 | 14158-27-1 | 0.5 | pCi/g | 1 |
| 42193 | AS40502AE | STRONTIUM-89 | 14158-27-1 | 0.1 | pCi/g | |
| 47093 | AS40512AE | STRONTIUM-89 | 14158-27-1 | 0.3 | pCi/g | |
| 46993 | AS40511AE | STRONTIUM-89 | 14158-27-1 | 0.2 | pCi/g | |
| 46593 | AS40507AE | STRONTIUM-89 | 14158-27-1 | 0.3 | pCi/g | |
| 46793 | AS40509AE | STRONTIUM-89 | 14158-27-1 | 0.5 | pCi/g | |
| 46693 | AS40508AE | STRONTIUM-89 | 14158-27-1 | 0.5 | pCi/g | |
| 42593 | AS40504AE | STRONTIUM-89 | 14158-27-1 | 0 | pCi/g | |
| 46993 | AS40511AE | STRONTIUM-90 | 10098-97-2 | 0.1 | pCi/g | |
| 46593 | AS40507AE | STRONTIUM-90 | 10098-97-2 | 0 | pCi/g | |
| 42193 | AS40502AE | STRONTIUM-90 | 10098-97-2 | -0.02 | pCi/g | |
| 42593 | AS40504AE | STRONTIUM-90 | 10098-97-2 | -0.01 | pCi/g | |
| 42493 | AS40503AE | STRONTIUM-90 | 10098-97-2 | -0.07 | pCi/g | |
| 46893 | AS40510AE | STRONTIUM-90 | 10098-97-2 | 0.2 | pCi/g | |
| 41593 | AS40501AE | STRONTIUM-90 | 10098-97-2 | 0.04 | pCi/g | |
| 46693 | AS40508AE | STRONTIUM-90 | 10098-97-2 | 0.1 | pCi/g | |
| 43393 | AS40505AE | STRONTIUM-90 | 10098-97-2 | -0.08 | pCi/g | |
| 43693 | AS40506AE | STRONTIUM-90 | 10098-97-2 | -0.1 | pCi/g | |
| 46793 | AS40509AE | STRONTIUM-90 | 10098-97-2 | 0 | pCi/g | |
| 47093 | AS40512AE | STRONTIUM-90 | 10098-97-2 | 0 | pCi/g | |
| 46693 | AS40508AE | Uranium-234 | 11-08-5 | 1.11 | pCi/g | |
| 43693 | AS40506AE | Uranium-234 | 11-08-5 | 1.8 | pCi/g | |
| 43393 | AS40505AE | Uranium-234 | 11-08-5 | 1.22 | pCi/g | |
| 46993 | AS40511AE | Uranium-234 | 11-08-5 | 1.77 | pCi/g | |
| 41593 | AS40501AE | Uranium-234 | 11-08-5 | 1.87 | pCi/g | |
| 48395 | AS00003PE | Uranium-234 | 11-08-5 | 1.463 | pCi/g | |
| 46793 | AS40509AE | Uranium-234 | 11-08-5 | 1.26 | pCi/g | |
| 46893 | AS40510AE | Uranium-234 | 11-08-5 | 1.76 | pCi/g | |
| 42593 | AS40504AE | Uranium-234 | 11-08-5 | 0.81 | pCi/g | |
| 47093 | AS40512AE | Uranium-234 | 11-08-5 | 2.2 | pCi/g | 1 |
| 48395 | AS00004PE | Uranium-234 | 11-08-5 | 1.463 | pCi/g | |
| 48195 | AS00001PE | Uranium-234 | 11-08-5 | 2.109 | pCi/g | |
| 46593 | AS40507AE | Uranium-234 | 11-08-5 | 1.54 | pCi/g | |
| 42193 | AS40502AE | Uranium-234 | 11-08-5 | 4.66 | pCi/g | |
| 42493 | AS40503AE | Uranium-234 | 11-08-5 | 0.68 | pCi/g | |
| 46993 | AS40511AE | Uranium-235 | 15117-96-1 | 0.1 | pCi/g | |



| 46893 | AS40510AE | Uranium-235 | 15117-96-1 | 0.09 | pCi/g | |
|-------|-----------|-------------|------------|-------|-------|---|
| 46793 | AS40509AE | Uranium-235 | 15117-96-1 | 0.07 | pCi/g | |
| 48195 | AS00001PE | Uranium-235 | 15117-96-1 | 0.106 | pCi/g | |
| 48295 | AS00002PE | Uranium-235 | 15117-96-1 | 0.065 | pCi/g | |
| 46693 | AS40508AE | Uranium-235 | 15117-96-1 | 0.09 | pCi/g | |
| 47093 | AS40512AE | Uranium-235 | 15117-96-1 | 0.11 | pCi/g | |
| 42193 | AS40502AE | Uranium-235 | 15117-96-1 | 0.26 | pCi/g | < |
| 42493 | AS40503AE | Uranium-235 | 15117-96-1 | 0.018 | pCi/g | < |
| 46593 | AS40507AE | Uranium-235 | 15117-96-1 | 0.07 | pCi/g | |
| 43693 | AS40506AE | Uranium-235 | 15117-96-1 | 0.22 | pCi/g | < |
| 42593 | AS40504AE | Uranium-235 | 15117-96-1 | 0.1 | pCi/g | |
| 41593 | AS40501AE | Uranium-235 | 15117-96-1 | 0.27 | pCi/g | < |
| 48395 | AS00003PE | Uranium-235 | 15117-96-1 | 0.049 | pCi/g | |
| 43393 | AS40505AE | Uranium-235 | 15117-96-1 | 0.26 | pCi/g | < |
| 46993 | AS40511AE | Uranium-238 | 7440-61-1 | 1.43 | pCi/g | |
| 42593 | AS40504AE | Uranium-238 | 7440-61-1 | 0.52 | pCi/g | |
| 42193 | AS40502AE | Uranium-238 | 7440-61-1 | 2.68 | pCi/g | |
| 41593 | AS40501AE | Uranium-238 | 7440-61-1 | 1.74 | pCi/g | |
| 48295 | AS00002PE | Uranium-238 | 7440-61-1 | 2.047 | pCi/g | |
| 47093 | AS40512AE | Uranium-238 | 7440-61-1 | 1.7 | pCi/g | |
| 42493 | AS40503AE | Uranium-238 | 7440-61-1 | 0.69 | pCi/g | |
| 43393 | AS40505AE | Uranium-238 | 7440-61-1 | 1.18 | pCi/g | |
| 48395 | AS00003PE | Uranium-238 | 7440-61-1 | 1.411 | pCi/g | |
| 46893 | AS40510AE | Uranium-238 | 7440-61-1 | 1.34 | pCi/g | |
| 48195 | AS00001PE | Uranium-238 | 7440-61-1 | 2.04 | pCi/g | |
| 46793 | AS40509AE | Uranium-238 | 7440-61-1 | 0.69 | pCi/g | |
| 46693 | AS40508AE | Uranium-238 | 7440-61-1 | 0.74 | pCi/g | |
| 43693 | AS40506AE | Uranium-238 | 7440-61-1 | 1.32 | pCi/g | |
| 46593 | AS40507AE | Uranium-238 | 7440-61-1 | 0.9 | pCi/g | |
| | | | | | | |

| | Ta | ble A 6 | Solar Fy | vanoration Ponds | AOC - Analytical Re | sults for Sut | surface Soils | Less Tha | n 6 Feet | - Metals | |
|----------------|-------|---------|--------------|------------------------|----------------------|------------------------|-------------------|---------------|--------------------|--|--|
| - 1 | 7 7 | * * * . | A | | 2 1 2 2 T | | 26 - 210 - 2 | 1. 1. 1. | A | LAB ** | ************************************** |
| LOCATION | DEPTH | DEPTH | TINU | | | | DETECTION | DECLUT | HMITC | CLAUSIER | VALIDATION QUALIFIER |
| | | | | TAGIAIDEIX | Analyte 🗞 🏂 | 7429-90-5 | 🏂 LÍMIT 💥 🔞 50 | | | | V |
| 05093 05193 | 0 | | | | | 7429-90-5 | 50 | | | | V |
| 05193 | 0 | | | | | 7429-90-5 | 50 | | mg/kg | | IV |
| 48195 | 0 | | | | ALUMINUM | 7429-90-5 | | 13300 | | | Z |
| 48195 | 2 | | | | | 7429-90-5 | | | mg/kg | | Z |
| 48195 | 4 | | | | | 7429-90-5 | | 9960 14500 | mg/kg | <u> </u> | Z |
| 48295 | 0 | | | | | 7429-90-5 7429-90-5 | | 11200 | | <u> </u> | Z |
| 48295 | 2 | | FT | BH00105PE BH00106PE | | 7429-90-5 | | | mg/kg | | Z |
| 48295 48395 | 0 | | | BH001007PE | ALUMINUM | 7429-90-5 | | | mg/kg | | Z |
| 48395 | 2 | | | BH00108PE | ALUMINUM | 7429-90-5 | | | mg/kg | ļ | Z |
| 48395 | 4 | | FT | BH00109PE | ALUMINUM | 7429-90-5 | | | mg/kg | ! | l Z |
| 44593 | 0 | | FT | BH40001AE | ALUMINUM | 7429-90-5 | 45.4 | | mg/kg mg/kg | } | V |
| 40893 | 0 | | FT | BH40030AE | ALUMINUM | 7429-90-5 7429-90-5 | 43.9 | | mg/kg | 1 | lv |
| 44393 | 0 | | FT | BH40033AE BH40049AE | ALUMINUM | 7429-90-5 | 46 | | mg/kg | <u> </u> | iv |
| 41193 41993 | 0 | | FT | BH40062AE | ALUMINUM | 7429-90-5 | 44 | 14700 | mg/kg | * | IJ |
| 43893 | 0 | | FT | | ALUMINUM | 7429-90-5 | 48 | | mg/kg | | IV |
| 40293 | 0 | | FT | BH40118AE | ALUMINUM | 7429-90-5 | 48 | | mg/kg | | V |
| 40393 | 0 | | FT | BH40123AE | ALUMINUM | 7429-90-5 | 47 | | mg/kg | | IV IV |
| 42993 | 1 | | FT | BH40141AE | JALUMINUM | 7429-90-5 7429-90-5 | 47 50 | | mg/kg mg/kg | | V V |
| 40793 | 0 | | FT | BH40157AE BH40167AE | ALUMINUM | 7429-90-5 | 47 | | mg/kg | • | j - |
| 44893 | 0 | | FT | BH40188AE | ALUMINUM | 7429-90-5 | 46 | | mg/kg | • | IJ |
| 41293 | 0 | | FT | BH40196AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | V |
| 40993 | Ō | | FT | BH40201AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | \ <u></u> | <u> V</u> |
| 41693 | 0 | | FT | BH40217AE | ALUMINUM | 7429-90-5 | 47 | | | E | J |
| 41793 | 0 | | FΥ | BH40243AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg mg/kg | <u> E</u> | \frac{1}{2} |
| 42293 | 1 | | FT | BH40253AE BH40261AE | ALUMINUM ALUMINUM | 7429-90-5 7429-90-5 | 43 | | mg/kg | <u> </u> | l v |
| 42393 | 0 | | 5 FT | BH40306AE | ALUMINUM | 7429-90-5 | 47 | | mg/kg | E | J |
| 43493 | 0 | | 5 FT | BH40319AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | IV |
| 43493 | 5 | | FT | BH40322AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | V |
| 43793 | 0 | | 5 FT | BH40332AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | - | <u> V</u> |
| 44093 | 0 | | 6 FT | BH40348AE | ALUMINUM | 7429-90-5 | 48 | | mg/kg mg/kg | E | J |
| 43993 | 0 | | FT | BH40353AE | ALUMINUM | 7429-90-5 7429-90-5 | 47 | |) mg/kg | | |
| 45693 45893 | 0 | | 6 FT 5 FT | BH40374AE BH40377AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | V |
| 46193 | 1 0 | | 6 FT | BH40385AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | V |
| 40793 | 0 | | 5 FT | BH40413AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | IV |
| 41593 | 0 | | 2 FT | BH40417AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | | IV IV |
| 41593 | 2 | | 4 FT | BH40418AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg mg/kg | | IV IV |
| 41593 | 4 | | 6 FT | BH40419AE | ALUMINUM | 7429-90-5 7429-90-5 | 50 | |) mg/kg | | v |
| 42193 | 0 | | 2 FT 4 FT | BH40425AE BH40426AE | ALUMINUM | 7429-90-5 | 50 | |) mg/kg | | lv - |
| 42193 42193 | | | 5 FT | BH40427AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | Ì. | V |
| 42493 | C | | 2 FT | BH40438AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg | Ì | V |
| 42493 | C |) | 4 FT | BH40439AE | ALUMINUM | 7429-90-5 | 50 | |) mg/kg | | V |
| 42493 | C | | 5 FT | BH40440AE | ALUMINUM | 7429-90-5 | 50 | | mg/kg mg/kg | | V |
| 42493 | 4 | | 8 FT | BH40441AE BH40446AE | ALUMINUM | 7429-90-5 7429-90-5 | 50 | | mg/kg D mg/kg | | |
| 42593 | 0 | | 2 FT 4 FT | BH40447AE | ALUMINUM | 17429-90-5 | 50 | | mg/kg | | lv |
| 42593 42593 | 1 6 | | 5 FT | BH40448AE | ALUMINUM | 7429-90-5 | 50 | 1240 | mg/kg | T | V |
| 42593 | | | 8 FT | BH40449AE | ALUMINUM | 7429-90-5 | 50 | 670 | 0 mg/kg | | ĮV |
| 42093 | (|) | 5 FT | BH40483AE | ALUMINUM | 7429-90-5 | 4: | | mg/kg | | IJ V |
| 43393 | | | 2 FT | BH40510AE | ALUMINUM | 7429-90-5 | 50 | | 0 mg/kg 0 mg/kg | - | \ <u>\</u> |
| 43393 | | | 4 FT | BH40511AE BH40512AE | ALUMINUM | 7429-90-5 7429-90-5 | 50 | | 0 mg/kg | | lv |
| 43393 | | | 5 FT 8 FT | BH40517AE | ALUMINUM | 7429-90-5 | 5 | | 0 mg/kg | | V |
| 43693 | | | 2 FT | BH40518AE | ALUMINUM | 7429-90-5 | 5 | 1750 | 0 mg/kg | | V |
| 43693 | | | 4 FT | BH40519AE | ALUMINUM | 7429-90-5 | 5 | 1130 | 0 mg/kg | | IV |
| 43693 | |) | 5 FT | BH40520AE | ALUMINUM | 7429-90-5 | 5 | | 0 mg/kg | | IV |
| 45793 | | | 4 FT | BH40557AE | ALUMINUM | 7429-90-5 | 5 | | 0 mg/kg | + | V |
| 46593 | | | 3 FT | BH40700AE | ALUMINUM | 7429-90-5 | 4 | | 0 mg/kg 0 mg/kg | + | V |
| | | 3 | 5 FT | BH40702AE | ALUMINUM | 7429-90-5 | | | | | |
| 46593 46593 | | 5 | 7 FT | BH40703AE | ALUMINUM | 7429-90-5 | 4 | 01 1030 | 0 mg/kg | i | IV |

| | т, | ble A 6 | Solar F | vanoration Ponds | AOC - Analytical Re | sults for Sub | surface Soils | Less Tha | n 6 Feet | - Metals | |
|--------------------|----------|-------------|--------------|--------------------------------|---------------------|-------------------------|-------------------------|---------------------------------------|----------------------|------------------|--|
| 1 1 1 | S (4 7 7 | | | ** ** | | 7 7 7 | 在機器 過 土青 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | * *EAD* | . (A.) (A. T.O.) |
| LOCATION | | | UNIT | SAMPLE | | | DETECTION * * LIMIT * * | OF CLUT | IMITE | RESULT QUALIFIER | VALIDATION |
| CODE | | | CODE | | Analyte | CAS NO 7429-90-5 | 40 | | mg/kg | COACIFIER | V |
| 46693 | 2 | | | | | 7429-90-5 | 40 | | mg/kg | | V |
| 46693 46693 | 5 | <u> </u> | FT | | | 7429-90-5 | 40 | | mg/kg | | ٧ |
| 46793 | 0 | | FT | | | 7429-90-5 | 40 | | mg/kg | t | IV |
| 46793 | 2 | | FT | | | 7429-90-5 | 40 | | mg/kg | | V |
| 46793 | 4 | | FT | | | 7429-90-5 | 40 | | mg/kg | <u> </u> | V V |
| 46893 | 0 | | FT | | | 7429-90-5 7429-90-5 | 40 | | mg/kg mg/kg | | V |
| 46893 | 2 | | FT FT | | | 7429-90-5 | 40 | | mg/kg | | v |
| 46993 46993 | 1 3 | | FT | | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | V |
| 47093 | 1 | | 3 FT | | ALUMINUM | 7429-90-5 | 200 | | mg/kg | | V |
| 47093 | 3 | | FT | | ALUMINUM | 7429-90-5 | 200 | | mg/kg | ļ | IV. |
| 47093 | 5 | | 7(FT | | ALUMINUM | 7429-90-5 | 200 | | mg/kg | | V |
| P207589 | 0 | | 3 FT | SEP0389BR0003 | | 7429-90-5 | 46.9 | | mg/kg mg/kg | | v |
| P207589 | 3 | | 9 FT | SEP0389BR0309 SEP1689BR0004 | ALUMINUM | 7429-90-5 7429-90-5 | 43.6 | | mg/kg | | <u> </u> |
| P208889 P208889 | <u> </u> | | 4 FT D FT | SEP1689BR0410 | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | Α |
| P208989 | 3 | | 9 FT | SEP1789BR0309 | ALUMINUM | 7429-90-5 | 40 | 8020 | mg/kg | | ĺV |
| P209089 | 1 7 | | 3 FT | SEP1889BR0003 | ALUMINUM | 7429-90-5 | 44.4 | | mg/kg | | <u> </u> |
| P209089 | 4 | 1 9 | 9 FT | SEP1889BR0309 | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | V |
| P209189 | (| | 3 FT | SEP1989BR0003 | ALUMINUM | 7429-90-5 | 44.5 | | mg/kg | | lv |
| P209189 | | | OFT | SEP1989BR0309 | ALUMINUM | 7429-90-5 17429-90-5 | 40 | · | mg/kg mg/kg | } | |
| P209489 | <u> </u> | | 3 FT 7 FT | SEP2289BR0003 SEP2289BR0307 | I AL LIMINUM | 7429-90-5 | 44.3 | | mg/kg | | Α |
| P209489 P209589 | | | 4 FT | SEP2389BR0004 | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | Α |
| P209589 | | | 0 FT | SEP2389BR0410 | ALUMINUM | 7429-90-5 | 1 40 | 5360 | mg/kg | | A |
| P209889 | | · | 4 FT | SEP2689BR0004 | ALUMINUM | 7429-90-5 | 40 | | mg/kg | ļ | IV I |
| P209889 | 1 4 | | 0 FT | SEP2689BR0410 | | 7429-90-5 | 40 | | mg/kg | 1 | V |
| P210189 | | | 3 FT | SEP3089BR0003 | | 7429-90-5 | 50 | | mg/kg mg/kg | } | IV |
| P210189 | | | 9 FT | SEP3089BR0309 | | 7429-90-5 | 50.1 | | mg/kg | | ` |
| P210289 | | | 3 FT 5 FT | SEP3189BR0003 SEP3189BR0306 | | 7429-90-5 | 40 | | mg/kg | | iv |
| P210289 42493 | | | 7:IN | SS40083AE | IALUMINUM | 7429-90-5 | 50 | | mg/kg | 1 | V |
| 46593 | | | 8: IN | SS40140AE | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | IV |
| 46993 | 11 | | 6 IN | SS40144AE | ALUMINUM | 7429-90-5 | 40 | | mg/kg | <u> </u> | <u> v</u> |
| 05093 | | | 6 FT | BH00061AE | ANTIMONY | 7440-36-0 | 50 | | 1 mg/kg | UN | J |
| 05193 | | | 5 FT | BH00066AE | IANTIMONY | 7440-36-0 7440-36-0 | 50 | | 2 mg/kg 3 mg/kg | UN | IJ |
| 05393 | | | 5 FT 2 FT | BH00076AE BH00101PE | ANTIMONY | 7440-36-0 | 2.6 | | mg/kg | UN | Z |
| 48195 48195 | | | 4 FT | BH00101PE | IANTIMONY | 7440-36-0 | 2.6 | | mg/kg | UN | Z |
| 48195 | | | 6 FT | BH00103PE | ANTIMONY | 7440-36-0 | 2.6 | 2.0 | 6 mg/kg | UE | Z |
| 48295 | | | 2 FT | BH00104PE | ANTIMONY | 7440-36-0 | 2.9 | | 9 mg/kg | UN | Z |
| 48295 | | | 4 FT | BH00105PE | ANTIMONY | 7440-36-0 | 2.9 | | 6 mg/kg | UN | Z |
| 48295 | | | 6 FT | BH00106PE | ANTIMONY | 7440-36-0 | 2.0 | | 6 mg/kg 9 mg/kg | UN | Z |
| 48395 | | | 2 FT | BH00107PE BH00108PE | ANTIMONY | 7440-36-0 7440-36-0 | 2.9 | | 3 mg/kg | UN | Z |
| 48395 48395 | | | 4 FT 5 FT | BH00108PE | ANTIMONY | 7440-36-0 | 3.3 | | 7 mg/kg | UN | Ž |
| 44593 | | | 6 FT | BH40001AE | ANTIMONY | 7440-36-0 | 13.0 | 3 11. | 3 mg/kg | UN | J |
| 40893 | | | 7 FT | BH40030AE | ANTIMONY | 7440-36-0 | 13. | | 1 mg/kg | UN | \ <u>J</u> |
| 44393 | | 0 | 5 FT | BH40033AE | ANTIMONY | 7440-36-0 | 13 | | 8 mg/kg | UN | J |
| 41.193 | | | 6 FT | BH40049AE | ANTIMONY | 7440-36-0 | 1. | | 6) mg/kg 1) mg/kg | UN |) |
| 41993 | | 0 | 6 FT | BH40062AE | ANTIMONY | 7440-36-0 7440-36-0 | 1: | | 2 mg/kg | UN | J |
| 43893 40293 | | 0 0 | 6 FT 3 FT | BH40070AE BH40118AE | ANTIMONY | 7440-36-0 | 1 | | 1 mg/kg | UN | J |
| 40393 | | 0 | 5 FT | BH40123AE | ANTIMONY | 7440-36-0 | 1 | | 7 mg/kg | UN | J |
| 42993 | | 1 | 6 FT | BH40141AE | ANTIMONY | 7440-36-0 | 1. | | 7 mg/kg | UN | j |
| 40093 | | 0 | 6 FT | BH40167AE | ANTIMONY | 7440-36-0 | | | 7 mg/kg | UN | J |
| 44893 | | 0 | 5 FT | BH40188AE | ANTIMONY | 7440-36-0 | | | 5 mg/kg 7 mg/kg | UN UN | J |
| 41693 | | 0 | 5 FT | BH40217AE | ANTIMONY | 7440-36-0 7440-36-0 | | | / mg/kg 1 mg/kg | UN | J |
| 41793 | | 0 | 5 FT 6 FT | BH40243AE BH40253AE | ANTIMONY | 7440-36-0 | | | 5 mg/kg | UN | J |
| 42293 | | 1 0 | 5 FT | BH40261AE | ANTIMONY | 17440-36-0 | | | 8 mg/kg | UN | J |
| 43193 | | 0 | 5 FT | BH40306AE | ANTIMONY | 7440-36-0 | | | 8 mg/kg | UN | J |
| 43493 | | 0 | 5 FT | BH40319AE | ANTIMONY | 7440-36-0 | | | 6 mg/kg | UN | J |
| 43493 | | | 10 FT | BH40322AE | ANTIMONY | 7440-36-0 | | | 1 mg/kg | JUN | J J |
| 44093 | | 0 | 6 FT | BH40348AE | ANTIMONY | 7440-36-0 | | | 2 mg/kg 6 mg/kg | UN | J |
| 43993 | Į. | 0 | 5 FT | BH40353AE | ANTIMONY | 17440-36-0 | _ <u></u> | 7) 1). | omyrky | | 14 |

| i | Ta | ble A 6 S | Solar F | vaporation Ponds | AOC - Analytical Re | sults for Sul | hsurface Soils | Less Tha | n 6 Feet | t - Metals | |
|--------------------|------------------------------|-----------------------------|----------|--------------------------------|---------------------------------------|------------------------|--|----------|-------------------|---------------------------------------|------------|
| 李金章 | 4: W. 3. a | | March ! | | 194 3 4 20 8 12 2 | | | 10 mg 55 | 20 N (4 1 1 1 1 1 | LAB | * 1 3 3 W |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | | | | | 1000 | | VALIDATION |
| CODE | Parameter Committee of the P | 3000 400 C 2000 000 W-400 0 | | NUMBER | Analyte | CAS NO | - management and and contractions are an in- | | | | QUALIFIER |
| 45693 45893 | 0 | | | | | 7440-36-0 7440-36-0 | 50 | | mg/kg | | J |
| 46193 | 0 | | FT FT | BH40377AE BH40385AE | ANTIMONY | 7440-36-0 | 50 | | mg/kg mg/kg | lun Iun | j |
| 41593 | 0 | | | BH40417AE | | 7440-36-0 | 50 | | mg/kg | UN | J |
| 41593 | 2 | | | | | 7440-36-0 | 50 | | mg/kg | | J |
| 41593 | 4 | 6 | FT | BH40419AE | ANTIMONY | 7440-36-0 | 50 | | | UN | J |
| 42193 | 0 | | FT | BH40425AE | | 7440-36-0 | 50 | | mg/kg | | J |
| 42193 | 0 | | FT | BH40426AE | | 7440-36-0 | 50 | | mg/kg | | <u> </u> |
| 42193 | 0 | | FT | | | 7440-36-0 | 50 | | | IUN | <u>J</u> |
| 42493 42493 | 0; 0 | | FT FT | BH40438AE BH40439AE | ANTIMONY | 7440-36-0 7440-36-0 | 50 | | | IUN | J |
| 42493 | 0 | | | BH40440AE | | 7440-36-0 | 50 | | mg/kg | UN | j |
| 42493 | 4 | | | BH40441AE | | 7440-36-0 | 50 | | mg/kg | · | j |
| 42593 | 0 | | | BH40446AE | | 7440-36-0 | 50 | | mg/kg | ÷ | J |
| 42593 | 0 | | | BH40447AE | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN ' | J |
| 42593 | 0 | | | BH40448AE | ANTIMONY | 7440-36-0 | 50 | | mg/kg | <u> </u> | J |
| 42593 | 4 | | | BH40449AE | | 7440-36-0 | 50 | | mg/kg | UN | J |
| 42093 | 0 | | | BH40483AE BH40510AE | | 7440-36-0 7440-36-0 | 13 | | mg/kg mg/kg | | J |
| 43393 | 0 | ; | | BH40511AE | | 7440-36-0 | 50 | | mg/kg mg/kg | | J J |
| 43393 | 0 | | | BH40512AE | | 7440-36-0 | 50 | | mg/kg | · | J |
| 43393 | 5 | | | BH40517AE | ANTIMONY | 7440-36-0 | 50 | | mg/kg | : | J |
| 43693 | 0 | | FT | BH40518AE | ANTIMONY | 7440-36-0 | 50 | 11.3 | mg/kg | UN | J |
| 43693 | 0 | | | BH40519AE | | 7440-36-0 | 50 | | mg/kg | | J |
| 43693 | 0 | | | BH40520AE | | 7440-36-0 | 50 | | mg/kg | UN | J |
| 45793 46593 | 0 1 | | | BH40557AE BH40700AE | | 7440-36-0 7440-36-0 | 50 | | mg/kg ma/ka | | J |
| 46593 | 3 | | | BH40702AE | | 7440-36-0 | 12 | | mg/kg mg/kg | } | J J |
| 46593 | 5 | | | BH40703AE | | 7440-36-0 | 12 | | mg/kg | UN | <u> </u> |
| 46593 | 5 | | | BH40705AE | | 7440-36-0 | 12 | | | | j |
| 46693 | 0 | 2 | FT | BH40715AE | ANTIMONY | 7440-36-0 | 12 | | | UN | J |
| 46693 | 2 | | FT | BH40717AE | | 7440-36-0 | 12 | | mg/kg | <u> </u> | J |
| 46693 | 5 | | | BH40718AE | | 7440-36-0 | 12 | | mg/kg | | <u>J</u> |
| 46893 46893 | 0 2 | | FT | BH40743AE | | 7440-36-0 | 12 | | | | J |
| 46993 | 1 | ~~~~ | | BH40745AE BH40757AE | | 7440-36-0 7440-36-0 | 12 12 | | mg/kg mg/kg | | J J |
| 46993 | 3 | | | BH40759AE | ANTIMONY | 7440-36-0 | 12 | | | Ü | <u>.</u> |
| 47093 | 1 | | | BH40771AE | | 7440-36-0 | 60 | | | · · · · · · · · · · · · · · · · · · · | J |
| 47093 | 3 | 5 | | BH40773AE | | 7440-36-0 | 60 | | | U | J |
| 47093 | 5 | | | BH40774AE | | 7440-36-0 | 60 | 3.4 | mg/kg | UN | J |
| P207589 | 0 | | | SEP0389BR0003 | | 7440-36-0 | 14.1 | | | υ | |
| P207589 | 3 | | ~~~~~ | SEP0389BR0309 | ··· | 7440-36-0 | 12 | | mg/kg | | A |
| P208889 P208889 | 0 4 | 10 | | SEP1689BR0004 SEP1689BR0410 | | 7440-36-0 7440-36-0 | 13.1 12 | | mg/kg | U : | Α |
| P209089 | 0i | | | SEP1889BR0003 | | 7440-36-0 | 13.3 | | | U | ^ |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-36-0 | 13.3 | | | U | |
| P209489 | 0 | 3 | FT | SEP2289BR0003 | | 7440-36-0 | 13.3 | | | Ū | |
| P209589 | 0 | | | SEP2389BR0004 | | 7440-36-0 | 12 | 3.9 | mg/kg | | A |
| P209589 | 4 | 10 | | SEP2389BR0410 | | 7440-36-0 | 12 | | | | A |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-36-0 | 12 | | | | <u>A</u> |
| P209889 P210189 | 4 | 10 | | SEP2689BR0410 | | 7440-36-0 | 12 | | | | Α |
| P210189 | 3 | | | SEP3089BR0003 SEP3089BR0309 | | 7440-36-0 7440-36-0 | 15 12 | | | U | v |
| P210289 | 0 | | | SEP3189BR0003 | · · · · · · · · · · · · · · · · · · · | 7440-36-0 | 15 | | | U | · |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-36-0 | 12 | | | <u> </u> | A |
| 42493 | 5 | | | | | 7440-36-0 | 50 | | | | J |
| 46593 | 7 | 8 | | | | 7440-36-0 | 12 | 10.4 | mg/kg | U | J |
| 46993 | 10 | 16 | | | | 7440-36-0 | 12 | | | | J |
| 05093 05193 | 0 | | | | | 7440-38-2 | 2 | | mg/kg | | V |
| 05193 | 0 | | | | | 7440-38-2 7440-38-2 | 3 2 | | mg/kg | | V |
| 48195 | 0 | | | | · | 7440-38-2 | | | mg/kg mg/kg | | Z |
| 48195 | 2 | | | | | 7440-38-2 | | | | | Z |
| 48195 | 4 | | | | | 7440-38-2 | | | | | Z |
| 48295 | 0 | | | | | 7440-38-2 | | 7 | mg/kg | В | Z |
| 48295 | 2 | | | | | 7440-38-2 | | | | | Z |
| 48295 | 4 | 6 | FT i | BH00106PE | ARSENIC | 7440-38-2 | | 2.2 | mg/kg | BW | Z |

| | Ta | ble A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Tha | an 6 Feet | t - Metals | |
|------------------|------------|-------------|---------------------------------------|--------------------------|---|--------------------------|----------------|-------------|----------------|------------------|--------------|
| | DEDTU | DEDTO | 40 W | 200 | | | 2122 | 為一級 | 4 | LAB | 1 7 6 5 6 |
| CODE | START | DEPIN | CODE | SAMPLE | Analyte | CASNO | DETECTION | DECLU T | LIMITE | RESULT QUALIFIER | VALIDATION |
| 48395 | 31461 | | | BH00107PE | | 7440-38-2 | C SCIVIL S | | mg/kg | | QUALIFIER Z |
| 48395 | 2 | | ~~~~~~~~ | | | 7440-38-2 | | | mg/kg | | Z |
| 48395 | 4 | | · | | | 7440-38-2 | <u> </u> | | mg/kg | | Z |
| 44593 | 0 | 6 | FT | BH40001AE | ARSENIC | 7440-38-2 | 2.3 | | mg/kg | | V |
| 40893 | 0 | | | BH40030AE | | 7440-38-2 | 2.2 | | | S | V |
| 44393 41193 | 0 | | | | ARSENIC | 7440-38-2 | 2 | | | BWN | J |
| 41193 | 0 | | | | ARSENIC ARSENIC | 7440-38-2 | 2 | | mg/kg | | <u>J</u> |
| 43893 | 0 | | | | | 7440-38-2 7440-38-2 | 2 | | | | J |
| 40293 | 0 | | · | | | 7440-38-2 | 2 | | mg/kg | | V |
| 40393 | Ö | | | | ARSENIC | 7440-38-2 | 2 | | | | J |
| .42993 | 1 | | FT | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| 407.93 | 0 | | | | ARSENIC | 7440-38-2 | 3. | 3.6 | mg/kg | N | J |
| 40093 | 0 | | L | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| 44893 | 0: | | | | ARSENIC | 7440-38-2 | 2 | | mg/kg | \ | V |
| 41293 40993 | 0 | | | | ARSENIC | 7440-38-2 | 3 | 2.4 | | N | J |
| 41693 | 0 | | | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 3 2 | | | N | <u> </u> |
| 41793 | 0 | | | | ARSENIC | 7440-38-2 | 2 | 5.5 5 a | mg/kg mg/kg | | V V |
| 42293 | 1 | | | | | 7440-38-2 | 3 | 4.5 | mg/kg | | V |
| 42393 | 0 | | | | | 7440-38-2 | 2 | | mg/kg | | v v |
| 43193 | 0; | 5 | FT | | | 7440-38-2 | 2 | | mg/kg | | v |
| 43493 | 0; | | · | | | 7440-38-2 | 3 | 2.7 | mg/kg | | V |
| 43493 | 5 | | | | | 7440-38-2 | 3 | 4.3 | mg/kg | | V |
| 43793 | 0 | | | | | 7440-38-2 | 3 | | | N | J |
| 44093 43993 | 0 | | | | | 7440-38-2 | 2 | | | SN | J |
| 45693· | 0 | | | | | 7440-38-2 7440-38-2 | . 2 | | mg/kg | N 1 | <u>V</u> |
| 45893 | . 0 | | | | | 7440-38-2 | 3 | | mg/kg mg/kg | N · | <u>J</u> |
| 46193 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | v |
| 40793 | 0 | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 7440-38-2 | 3 | | | | J |
| 41593 | 0 | 2 | FT | | | 7440-38-2 | 3 | | mg/kg | | V |
| 41593 | 2 | | | | | 7440-38-2 | 3 | 2.3 | mg/kg | В | V |
| 41593 | 4 | | | | | 7440-38-2 | 3 | | mg/kg | | V |
| 42193 | 0 | | | | | 7440-38-2 | 3 | | | | J |
| 42193 42193 | 0 | | | | | 7440-38-2 | 3 | | | | J |
| 42493 | 0 | | | | | 7440-38-2 7440-38-2 | 3 | | mg/kg mg/kg | | J V |
| 42493 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | V |
| 42493 | 0 | | | | | 7440-38-2 | 3 | | | | v l |
| 42493 | 4 | 8 | FT | BH40441AE | ARSENIC | 7440-38-2 | 3 | | mg/kg | | v |
| 42593 | 0 | | | BH40446AE | ARSENIC | 7440-38-2 | 3 | | mg/kg | | V |
| 42593 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | <u>V</u> |
| 42593 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | V |
| 42593 42093 | 4 | | | | | 7440-38-2 | 3 | | | | V |
| 43393 | 0 | | | | | 7440-38-2 7440-38-2 | 2 3 | | | | V J |
| 43393 | 0 | | | | | 7440-38-2 | 3 | | | | <u>J</u> |
| 43393 | 0 | | | | | 7440-38-2 | 3 | | | ~ | J |
| 43393 | 5 | 8 | FT | BH40517AE | | 7440-38-2 | 3 | | | | J |
| 43693 | 0 | | | | | 7440-38-2 | 3 | 3.8 | mg/kg | | V |
| 43693 | 0 | | | | | 7440-38-2 | 3 | | mg/kg | | V |
| 43693 | <u>0</u> ¦ | | | BH40520AE | | 7440-38-2 | 3 | | mg/kg | | V |
| 45793 46593 | 1 | | | | | 7440-38-2 | 3 | | | | J |
| 46593 46593 | 3 | | | BH40700AE BH40702AE | | 7440-38-2 7440-38-2 | 2 | | mg/kg | | <u> </u> |
| 46593 | 5 | | | | | 7440-38-2 | 2 | | mg/kg mg/kg | | J V |
| 16593 | 5 | | | | | 7440-38-2 | 2 | | mg/kg | | <u>v</u> |
| 46693 | 0 | | | | | 7440-38-2 | 2 | | mg/kg | | Ž |
| 46693 | 2 | | FT | BH40717AE | ARSENIC | 7440-38-2 | 2 | | mg/kg | | v i |
| 46693 | 5 | | | | | 7440-38-2 | 2 | 4.3 | mg/kg | | V |
| 46793 | 0 | | | | | 7440-38-2 | 2 | | | | J |
| 16793 | 2 | | | | | 7440-38-2 | 2 | | | | <u> </u> |
| 46793 46893 | 0 | | | | | 7440-38-2 | 2 | | | | <u> </u> |
| 46893 | 2 | | | | | 7440-38-2 7440-38-2 | 2 | | mg/kg mg/kg | | V |
| 16893 | 5 | | | | | 7440-38-2 | 2 | | | | <u>v</u> |
| | <u>~</u> ; | | · · · · · · · · · · · · · · · · · · · | o. 10/1L | | | | ۷. ۱۱۱ | myrky | ر ا | v |

| | Т | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | | | | | | |
|--------------------|------------|---------------------------------|-------------|--------------------------------|--|---------------------------|---------------|------------------|------------------|-------------|---|
| 8 1 2 N 3 N 4 | | | * * * | | | 2 4 2 4 4 37 4 4 4 4 5 | \$ 5 9 K 1994 | W 18 4 1 | 海海 水。 | LAB 🚕 🦿 | · 10 · 10 · 10 · 10 · 10 · 10 · 10 · 10 |
| LOCATION | | DEPTH | UNIT | SAMPLE | Analyte | 0.0.00 | DETECTION | * * * * . | Andra & | RESULT | VALIDATION |
| CODE 46993 | START 1 | - and company of the principles | FT | NUMBER BH40757AE | | | * *LIMIT *** | | | | |
| 46993 | 3 | | | BH40759AE | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 2 | | mg/kg mg/kg | | V V |
| 47093 | 1 | | | | ARSENIC | 7440-38-2 | 10 | | | iN | J |
| 47093 | 3 | | | | | 7440-38-2 | 10 | | | | J |
| 47093 | 5 | | FT | BH40774AE | ARSENIC | 7440-38-2 | 10 | 2.5 | mg/kg | · | J |
| P207589 | 0 | | | SEP0389BR0003 | | 7440-38-2 | 2.4 | | mg/kg | l | |
| P207589 | 3 | | FT | SEP0389BR0309 | · | 7440-38-2 | 2 | | | กา | Α |
| P208889 P208889 | 0 4 | | FT | SEP1689BR0004 SEP1689BR0410 | | 17440-38-2 17440-38-2 | 2.1 | | mg/kg | | 117 |
| P208989 | 3 | | | SEP1789BR0309 | | 7440-38-2 | 2 | | mg/kg mg/kg | | V V |
| P209089 | | | | SEP1889BR0003 | | 7440-38-2 | 2.3 | | mg/kg | | <u> </u> |
| P209089 | 4 | | | SEP1889BR0309 | | 7440-38-2 | 2 | | mg/kg | | V |
| P209189 | 0 | | FT | SEP1989BR0003 | ARSENIC | 7440-38-2 | 2.2 | | mg/kg | | |
| P209189 | 3 | | | SEP1989BR0309 | <u> </u> | 7440-38-2 | 2 | 13.6 | mg/kg | | Α |
| P209489 | 0 | | | SEP2289BR0003 | | 7440-38-2 | 2.1 | | mg/kg_ | | |
| P209489 | 3 | | | SEP2289BR0307 | | 7440-38-2 | . 2 | | mg/kg | | V |
| P209589 P209589 | 0 4 | | | SEP2389BR0004 SEP2389BR0410 | | 7440-38-2 7440-38-2 | 2 | | mg/kg mg/kg | | V A |
| P209389 | 0 | | | SEP2689BR0004 | | 7440-38-2 | 2 | | mg/kg mg/kg | | V V |
| P209889 | 4 | | | SEP2689BR0410 | | 7440-38-2 | 2 | | mg/kg | | V |
| P210189 | 0 | 3 | | SEP3089BR0003 | The state of the s | 7440-38-2 | 2.5 | | mg/kg | | <u> </u> |
| P210189 | 3 | | | SEP3089BR0309 | | 7440-38-2 | 2 | 2.8 | mg/kg | | A |
| P210289 | 0 | | | SEP3189BR0003 | | 7440-38-2 | 2.5 | | mg/kg | | |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-38-2 | 2 | 14.1 | mg/kg | | V |
| 42493 46593 | 5 | | IN IN | | ARSENIC ARSENIC | 7440-38-2 7440-38-2 | 3 | | | В | V V |
| 46993 | 10 | 16 | | SS40144AE | | 7440-38-2 | 2 | | mg/kg mg/kg | | V |
| 05093 | 0 | | | | | 7440-39-3 | 10 | 55.9 | mg/kg | | V |
| 05193 · | 0 | | | | | 7440-39-3 | 10 | | mg/kg | | V |
| 05393 | 0 | 5 | FT | BH00076AE | BARIUM | 7440-39-3 | 10 | | mg/kg | | V |
| 48195 | 0 | | | | BARIUM | 7440-39-3 | | | mg/kg | | Z |
| 48195 | 2 | | | | | 7440-39-3 | | | mg/kg | | Z |
| 48195 48295 | 4 0 | | | BH00103PE BH00104PE | BARIUM BARIUM | 7440-39-3 7440-39-3 | | | mg/kg | | Z |
| 48295 | 2 | | | | BARIUM | 7440-39-3 | | | mg/kg mg/kg | | Z Z |
| 48295 | 4 | | | | BARIUM | 7440-39-3 | | | | В | Z |
| 48395 | 0 | 2 | FT | | BARIUM | 7440-39-3 | | | mg/kg | | Ž |
| 48395 | 2 | | | | BARIUM | 7440-39-3 | | | mg/kg | | Z |
| 48395 | 4 | | | | | 7440-39-3 | | 139 | mg/kg | | Z |
| 44593 | 0 | | | | | 7440-39-3 | 45.4 | | mg/kg | | V · |
| 44393 | 0 | | | | | 7440-39-3 | 43.9 | | mg/kg | | V |
| 41193 | 0, | | | | | 7440-39-3 7440-39-3 | 43 46 | | mg/kg mg/kg | | V V |
| 41993 | 0 | | | | | 7440-39-3 | 44 | | mg/kg | | v |
| 43893 | 0 | | | | | 7440-39-3 | 48 | | mg/kg | | V |
| 40293 | 0 | | | | | 7440-39-3 | 48 | 134 | mg/kg | | V |
| 40393 | 0 | | FT | BH40123AE | | 7440-39-3 | 47 | | mg/kg | | V |
| 42993 40793 | 1 | | | | | 7440-39-3 | 47 | | mg/kg | | V |
| 40793 | 0 | | | | | 7440-39-3 7440-39-3 | 10 47 | | mg/kg | | V |
| 44893 | 0 | | | | | 7440-39-3 | 46 | | mg/kg mg/kg | | V V |
| 41293 | 0 | | FT | BH40196AE | | 7440-39-3 | 10 | 74.1 | mg/kg | | V |
| 40993 | 0 | . 5 | | | | 7440-39-3 | 10 | 114 | mg/kg | | ř – |
| 41693 | 0 | 5 | FT | BH40217AE | BARIUM | 7440-39-3 | 47 | 92.3 | mg/kg | | v . |
| 41793 | 0 | | | | | 7440-39-3 | 44 | 75.5 | mg/kg | | V |
| 42293 | 1 | | | | | 7440-39-3 | 10 | 110 | mg/kg | | V |
| 42393 43193 | 0 | | | | | 7440-39-3 | 43 | | mg/kg | | V |
| 43493 | 0 | | | | | 7440-39-3 7440-39-3 | 47 10 | | mg/kg mg/kg | | V V |
| 43493 | 5 | 10 | | | | 7440-39-3 | 10 | | mg/kg mg/kg | | V |
| 43793 | 0 | | | | | 7440-39-3 | 10 | 87.7 | mg/kg | | V |
| 44093 | 0 | | FT | BH40348AE | BARIUM | 7440-39-3 | 48 | 226 | mg/kg | Ì | V |
| 43993 | 0 | | | | | 7440-39-3 | 47 | 89.3 | mg/kg | | V |
| 45693 | 0 | | | | | 7440-39-3 | 10 | 98.4 | mg/kg | | V |
| 45893 | 0 | | | | | 7440-39-3 | 10 | 77.1 | mg/kg | | V |
| 46193 40793 | 0 | | | | | 7440-39-3 | 10 | 364 | mg/kg | | J |
| 70133 | U | 5 | <u> </u> | BH40413AE | BARIUM | 7440-39-3 | 10 | 162 | mg/kg | | V |

| | <u> </u> | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Than 6 Feet | - Metals | |
|--|--|---|-------------|--------------|------------------|--|---------------|-----------------------|------------------|---|-------------------|
| CODE START END CODE T. NUMBER Analyse CAS NO. C. LIMIT FESSULT LIMITS QUAL FIER CLARE CAS NO. C. LIMITS C. LIMITS CAS NO. C. LIMITS C. LIMITS CAS NO. C. LIMITS CAS NO. C. LIMITS C. | la salar in 1 | ····* | \$ 120 } | · ** | 19 2 1 4 h 1 1 h | 2 . D. W. M. J. J. J. J. | 1000 | 1 St. 48 - 8 - 84- 87 | 5 m 20 30 30 | LAB | the second of the |
| | LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | production of the second secon | | DETECTION | | RESULT | VALIDATION |
| 49593 | | CATAMATAN AND AND AND AND AND AND AND AND AND A | | | | Analyte | 7440 30 3 | | | | |
| 4 6 FT BH4019AE BARUM 7440-39-3 10 68.8 mp/kg V V V V V V V V V | | | | | | | | | | | |
| 12193 0 | | | | | | · | | | | | |
| 42933 0 SIFT BH40493AE BARIUM 7440-39-3 10 44.5mg/kg B V 12493 0 2IFT BH40493AE BARIUM 7440-39-3 10 288Img/kg J J 12493 0 4IFT BH40493AE BARIUM 7440-39-3 10 1171mg/kg J J 12493 0 5IFT BH40404AB BARIUM 7440-39-3 10 49.4mg/kg J J 12493 4 BIFT BH40404AB BARIUM 7440-39-3 10 49.4mg/kg B J 12493 4 BIFT BH4044AB BARIUM 7440-39-3 10 49.5mg/kg B J 12493 4 BIFT BH4044AB BARIUM 7440-39-3 10 49.5mg/kg B J 12493 4 BIFT BH4044AB BARIUM 7440-39-3 10 49.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 49.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 49.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 49.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 49.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 29.5mg/kg B V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 10 24.5mg/kg V 12493 4 BARIUM 7440-39-3 | 42193 | | | | · | | | 10 | | | |
| 12493 O. 2 FT BH40438AE BARIUM 7440-39-3 10 288 lmg/kg J J 42493 O. 4 FT BH40439AE BARIUM 7440-39-3 10 117 lmg/kg J J 42493 O. 5 FT BH40440AE BARIUM 7440-39-3 10 49.4 lmg/kg J J 42493 O. 5 FT BH40440AE BARIUM 7440-39-3 10 49.4 lmg/kg J J 42593 O. 2 FT BH40445AE BARIUM 7440-39-3 10 49.4 lmg/kg V 42593 O. 2 FT BH40445AE BARIUM 7440-39-3 10 49.4 lmg/kg V 42593 O. 5 FT BH40445AE BARIUM 7440-39-3 10 49.4 lmg/kg V 42593 O. 5 FT BH40445AE BARIUM 7440-39-3 10 31 lmg/kg B V 42593 O. 5 FT BH4045AE BARIUM 7440-39-3 10 31 lmg/kg B V 42593 O. 5 FT BH4045AE BARIUM 7440-39-3 10 31 lmg/kg B V 42593 O. 5 FT BH4045TAE BARIUM 7440-39-3 10 23 lmg/kg B V 42593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 23 lmg/kg B V 42593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 23 lmg/kg B V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 26 lmg/kg B V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 26 lmg/kg B V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 26 lmg/kg B V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 26 lmg/kg B V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 26 lmg/kg D V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 42 lmg/kg D V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 42 lmg/kg D V 43593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 42 lmg/kg D V 45593 O. 5 FT BH405TOAE BARIUM 7440-39-3 10 42 lmg/kg D V 45593 O. 5 FT BH407TOAE BARIUM 7440-39-3 10 42 lmg/kg D V 45593 O. 5 FT BH407TOAE BARIUM 7440-39-3 O. 5 FT BH407TOAE BARIUM 7440-39-3 O. 5 FT BH407TOAE BARIUM 7440-39-3 O. 5 FT BH407TOAE BARIUM 7440-39-3 O. 5 FT BH407TOAE BARIUM 7440-39-3 O. 5 FT BH407TOAE BARIUM 7440-39-3 | | • | | | BH40426AE | BARIUM | 7440-39-3 | | 65.9 mg/kg | | V |
| 142493 0 | | | | | | | | <u> </u> | | | |
| 142493 0 5 FT BH40440AE BARIUM 7440-39-3 10 494 mg/kg 1 J 42593 0 2 FT BH40441AE BARIUM 7440-39-3 10 40,3 mg/kg V 42593 0 2 FT BH40446AE BARIUM 7440-39-3 10 73,7 mg/kg V 42593 0 4 FT BH40446AE BARIUM 7440-39-3 10 73,7 mg/kg V 42593 0 4 FT BH40446AE BARIUM 7440-39-3 10 31 mg/kg B V 42593 0 5 FT BH40446AE BARIUM 7440-39-3 10 31 mg/kg B V 42593 0 5 FT BH40446AE BARIUM 7440-39-3 10 31 mg/kg B V 42593 0 5 FT BH4045AE BARIUM 7440-39-3 10 31 mg/kg B V 42593 0 5 FT BH4045AE BARIUM 7440-39-3 10 59, mg/kg D V 43939 0 6 FT BH4055AE BARIUM 7440-39-3 10 59, mg/kg D V 43939 0 6 FT BH40512AE BARIUM 7440-39-3 10 26, 3 mg/kg D V 43939 0 6 FT BH40512AE BARIUM 7440-39-3 10 26, 3 mg/kg D V 43993 0 6 FT BH40515AE BARIUM 7440-39-3 10 26, 3 mg/kg D V 43993 0 6 FT BH40515AE BARIUM 7440-39-3 10 86, 6 mg/kg D V 43993 0 6 FT BH40515AE BARIUM 7440-39-3 10 86, 6 mg/kg D V 43993 0 6 FT BH40515AE BARIUM 7440-39-3 10 86, 6 mg/kg D V 45993 0 6 FT BH40516AE BARIUM 7440-39-3 10 42, 7 mg/kg B V 45993 D 4 FT BH40516AE BARIUM 7440-39-3 10 42, 7 mg/kg B V 45993 D 4 FT BH40700AE BARIUM 7440-39-3 10 42, 7 mg/kg B V 45993 D 4 FT BH40700AE BARIUM 7440-39-3 40 67, 3 mg/kg B V 45993 D 4 FT BH40700AE BARIUM 7440-39-3 40 67, 3 mg/kg B V 45993 D 4 FT BH40700AE BARIUM 7440-39-3 40 67, 3 mg/kg B V 45993 D 4 FT BH4070AE BARIUM 7440-39-3 40 67, 3 mg/kg B V 45993 D 4 FT BH4070AE BARIUM 7440-39-3 40 32, 4 mg/kg B V 45993 D 4 FT BH4070AE BARIUM 7440-39-3 40 37, 4 mg/kg B V 45993 D 4 FT BH4070AE BARIUM 7440-39-3 40 37, 4 mg/kg B V 45993 D 4 FT BH4071AE | | | | - | | | | | | | |
| 42593 4 B FT B H0041AE B ARIUM 7440-39-3 10 40.3mg/kg P J 42593 0 2 FT B H0044AE B ARIUM 7440-39-3 10 46.4mg/kg V 42593 0 4 FT B H0044AE B ARIUM 7440-39-3 10 46.4mg/kg V 42593 0 5 FT B H0044BE B ARIUM 7440-39-3 10 46.4mg/kg B V 42593 43 5 FT B H0044BE B ARIUM 7440-39-3 10 15 mg/kg B V 42593 43 5 FT B H0045BE B ARIUM 7440-39-3 43 5 FT B H0045BE B ARIUM 7440-39-3 43 5 FT B H0045BE B ARIUM 7440-39-3 43 5 FT B H00510AE B ARIUM 7440-39-3 43 5 FT B H00510AE B ARIUM 7440-39-3 10 67.4mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 67.4mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 22.3mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 22.3mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 22.3mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 22.3mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 22.3mg/kg B V 43933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 4 FT B H00510AE B ARIUM 7440-39-3 10 68.6mg/kg V 45933 0 6 FT B H00510AE B ARIUM 7440-39-3 10 67.3mg/kg V 45933 0 6 FT B H00702AE B ARIUM 7440-39-3 40 67.3mg/kg V 46933 0 6 FT B H00703AE B ARIUM 7440-39-3 40 31 mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 31 mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 32.4mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 37.4mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 37.4mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 37.4mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 37.4mg/kg B V 46933 5 7 FT B H00703AE B ARIUM 7440-39-3 40 37.4mg/kg B V 46933 3 5 FT B H00703AE B ARIUM 7440-3 | <u> </u> | | | | | ··· | \ | | | · | |
| | | | | | | | | | | | |
| 42593 0 | | | | | | | <u></u> | | | | |
| | | | | | BH40447AE | BARIUM | 7440-39-3 | 10 | 46.4 mg/kg | | |
| | | | | · | | | | | | | |
| 43393 | | | | | | | | | | <u>, – </u> | |
| 43393 | | | | | | | | | | | |
| 43393 0 5FT BH40512AE BARIUM 7440-39-3 10 26.3 mg/Ng B V 43893 5 8FT BH40517AE BARIUM 7440-39-3 10 24.3 mg/Ng V 43893 0 2FT BH40518AE BARIUM 7440-39-3 10 144 mg/Ng | | | | 41%v | | | | | | | |
| 43393 5 8 FT BH40517AE BARIUM 7440-39-3 10 240 mg/kg V V V V V V V V V | | | | ' | | | | | | | |
| | de succession de la company de | | | | | | | | | | |
| 43693 0 5FT BH40520AE BARIUM 7440-39-3 10 42 7 mg/kg V V 45793 0 4 FT BH40557AE BARIUM 7440-39-3 10 67 3 mg/kg V V 45593 11 3 FT BH40700AE BARIUM 7440-39-3 40 67 3 mg/kg V V 45593 3 5 FT BH40700AE BARIUM 7440-39-3 40 67 3 mg/kg B V V 45593 5 7 FT BH40703AE BARIUM 7440-39-3 40 31 mg/kg B V V 45593 5 7 FT BH40705AE BARIUM 7440-39-3 40 32 4 mg/kg B V V 45593 5 7 FT BH40705AE BARIUM 7440-39-3 40 27 mg/kg B V V 45593 5 7 FT BH40705AE BARIUM 7440-39-3 40 27 mg/kg B V V 45593 5 7 FT BH40715AE BARIUM 7440-39-3 40 41 2 mg/kg B V V 45693 2 4 FT BH40717AE BARIUM 7440-39-3 40 41 2 mg/kg B V V 45693 2 4 FT BH40717AE BARIUM 7440-39-3 40 41 2 mg/kg B V V 45793 0 2 FT BH40718AE BARIUM 7440-39-3 40 80 1 mg/kg 1 J 45793 4 6 FT BH40731AE BARIUM 7440-39-3 40 80 1 mg/kg 1 J 45793 4 6 FT BH40732AE BARIUM 7440-39-3 40 20 1 mg/kg 1 J 45893 2 5 FT BH40745AE BARIUM 7440-39-3 40 20 1 mg/kg 1 J 46893 2 5 FT BH40745AE BARIUM 7440-39-3 40 20 1 mg/kg 1 J 46893 2 5 FT BH4075AE BARIUM 7440-39-3 40 20 1 mg/kg 1 J 46993 3 5 FT BH4075AE BARIUM 7440-39-3 40 20 1 mg/kg 1 V 46993 3 5 FT BH4075AE BARIUM 7440-39-3 40 20 2 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 20 2 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 20 2 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 20 2 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 15 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 15 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 15 mg/kg V 47093 3 5 FT BH4077AE BARIUM 7440-39-3 40 15 mg/kg V 47093 3 5 FT BH4078AE BARIUM 7 | | 0 | 2 | FT | * | | | | | * | J |
| 45793 0 | | | | | | | | | | | J |
| 46593 | | | | | | | | | | <u> </u> | <u> </u> |
| 48593 3 5 FT BH40702AE BARIUM | | | | | | | | | | | V |
| 48593 5 7 FT BH40703AE BARIUM | | | | | | | | | | D. | <u>V</u> |
| 46593 5 9 FT BH40705AE BARIUM | | | | | | | | | | | |
| 48693 0 2 FT | | | | | | | | | | | · |
| | 46693 | 0 | | | | | | | | | v . |
| 46793 | | | | | | | 7440-39-3 | 40 | | В | V |
| 46793 | | | | | | | | | | | |
| 46793 | | | | | | | | | | | |
| 46893 0 2 FT BH40743AE BARIUM 7440-39-3 40 120 mg/kg V 46893 2 5 FT BH40745AE BARIUM 7440-39-3 40 93.6 mg/kg V 46893 1 3 FT BH40757AE BARIUM 7440-39-3 40 116 mg/kg V 46993 3 5 FT BH40757AE BARIUM 7440-39-3 40 29.2 mg/kg B V 47093 3 5 FT BH40757AE BARIUM 7440-39-3 40 29.2 mg/kg B V 47093 3 5 FT BH40773AE BARIUM 7440-39-3 200 103 mg/kg V 47093 5 FT BH40773AE BARIUM 7440-39-3 200 76.6 mg/kg V 47093 5 FT BH40774AE BARIUM 7440-39-3 200 76.6 mg/kg V 47093 5 FT BH40774AE BARIUM 7440-39-3 200 41.8 mg/kg V 47093 5 FT BH40774AE BARIUM 7440-39-3 200 41.8 mg/kg V 47093 5 FT SEP03898R0030 BARIUM 7440-39-3 46.9 193/mg/kg P207589 0 3 FT SEP03898R0030 BARIUM 7440-39-3 46.9 193/mg/kg P208889 0 4 FT SEP1689BR0040 BARIUM 7440-39-3 40 155 mg/kg V 47093889 41 10 FT SEP1689BR0410 BARIUM 7440-39-3 40 165 mg/kg V 47093889 41 10 FT SEP189BR0309 BARIUM 7440-39-3 40 199/mg/kg V 47093889 31 9 FT SEP189BR0309 BARIUM 7440-39-3 40 199/mg/kg V 47093989 41 9 FT SEP189BR0309 BARIUM 7440-39-3 44.4 56.7 mg/kg P209189 0 3 FT SEP189BR0309 BARIUM 7440-39-3 44.5 57/mg/kg P209489 0 3 FT SEP189BR0309 BARIUM 7440-39-3 44.5 128 mg/kg P209489 3 10 FT SEP189BR0309 BARIUM 7440-39-3 44.5 128 mg/kg P209489 3 7 FT SEP289BR003 BARIUM 7440-39-3 44.5 128 mg/kg V 4709489 3 7 FT SEP289BR003 BARIUM 7440-39-3 44.5 128 mg/kg V 4709489 3 7 FT SEP289BR003 BARIUM 7440-39-3 40 168 mg/kg V 4709489 3 7 FT SEP289BR003 BARIUM 7440-39-3 40 76.4 mg/kg V 4709489 3 7 FT SEP289BR003 BARIUM 7440-39-3 40 76.4 mg/kg V 4709489 3 7 FT SEP289BR003 BARIUM 7440-39-3 40 162 mg/kg V 4709489 3 7 FT SEP2889BR003 BARIUM 7440-39-3 40 162 mg/kg V 4709489 40 163 mg/kg V 4709 | | | | | | | | | 112 mg/kg | · | |
| 46893 2 SFT BH4075AE BARIUM 7440-39-3 40 93.6lmg/kg V V V V V V V V V | | | | | | ····· | | | 120 mg/kg | | |
| 1 3 FT BH40757AE BARIUM 7440-39-3 40 116 1 | | | | | | | | | | | |
| 1 3 FT BH40771AE BARIUM 7440-39-3 200 103 mg/kg V V V V V V V V V | | 1 | 3 | FT | BH40757AE | BARIUM | 7440-39-3 | 40 | | | V |
| 47093 3 5 FT BH40773AE BARIUM 7440-39-3 200 76.6 mg/kg V V V V V V V V V | | | | | | | | | | | |
| 47093 5 | | | | | | ··· | | | | | |
| P207589 | | | | | | | · | | 76.6 mg/kg | | |
| P207589 3 | · | | | | | | | | | В | <u>v</u> |
| P208889 0, 4 FT SEP1689BR0004 BARIUM 7440-39-3 do 43.6 do 131mg/kg P208889 do 10 FT SEP1689BR0410 BARIUM 7440-39-3 do 40 loolong/kg V P208989 3 9 FT SEP1789BR0309 BARIUM 7440-39-3 do 40 log/mg/kg V P209089 0 3 FT SEP1889BR0309 BARIUM 7440-39-3 do 196 mg/kg A P209089 4 9 FT SEP1889BR0309 BARIUM 7440-39-3 do 196 mg/kg A P209189 0 3 FT SEP1889BR0309 BARIUM 7440-39-3 do 196 mg/kg A P209189 0 3 FT SEP189BR0309 BARIUM 7440-39-3 do 40 log/mg/kg V P209489 0 3 FT SEP2289BR0307 BARIUM 7440-39-3 do 40 log/mg/kg V P209489 0 3 FT SEP2289BR0307 BARIUM 7440-39-3 do 40 r6.4 mg/kg V P209489 3 7 FT SEP2289BR0307 BARIUM 7440-39-3 do 40 r6.4 mg/kg V P209489 3 7 FT SEP2389BR0400 BARIUM 7440-39-3 do 40 r6.4 mg/kg V P209489< | | | | | | | | | | | v |
| P208889 | | | | | | | · | | | | |
| P209089 | P208889 | 4 | | | SEP1689BR0410 | BARIUM | 7440-39-3 | 40 | | | V |
| P209089 | | | | | | | | 40 | | | V |
| P209189 0 3 FT SEP1989BR0003 BARIUM 7440-39-3 44.5 128 mg/kg P209189 P209189 3 10 FT SEP1989BR0309 BARIUM 7440-39-3 40 48 mg/kg IV P209489 0 3 FT SEP2289BR0307 BARIUM 7440-39-3 44.3 79.3 mg/kg V P209489 3 7 FT SEP2289BR0307 BARIUM 7440-39-3 40 76.4 mg/kg V P209589 0 4 FT SEP2389BR0004 BARIUM 7440-39-3 40 97.7 mg/kg V P209589 4 10 FT SEP2389BR0041 BARIUM 7440-39-3 40 26.9 mg/kg V P209589 4 10 FT SEP2689BR0041 BARIUM 7440-39-3 40 26.9 mg/kg V P209889 0 4 FT SEP2689BR0410 BARIUM 7440-39-3 40 152 mg/kg V P209889 4 10 FT SEP3089BR0303 BARIUM 7440-39-3 50 228 mg/kg V P210189 0 3 FT SEP3189BR0003 BARIUM 7440-39-3 | | | | | | | | | 56.7 mg/kg | | |
| P209189 3 10 FT SEP1989BR0309 BARIUM 7440-39-3 40 48 mg/kg V P209489 0 3 FT SEP2289BR0003 BARIUM 7440-39-3 44.3 79.3 mg/kg V P209489 3 7 FT SEP2289BR0307 BARIUM 7440-39-3 40 76.4 mg/kg V P209589 0 4 FT SEP2389BR0041 BARIUM 7440-39-3 40 97.7 mg/kg V P209589 4 10 FT SEP2389BR0041 BARIUM 7440-39-3 40 26.9 mg/kg U V P209889 0 4 FT SEP2689BR0004 BARIUM 7440-39-3 40 152 mg/kg U V P209889 4 10 FT SEP2689BR0410 BARIUM 7440-39-3 40 55.5 mg/kg V P210189 0 3 FT SEP3089BR0303 BARIUM 7440-39-3 50 228 mg/kg V P210289 3 9 FT SEP3189BR0303 BARIUM 7440-39-3 50.1 136 mg/kg V P210289 3 <td>·i.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td>Α</td> | ·i. | | | | | | | | | | Α |
| P209489 0 3 FT SEP2289BR0003 BARIUM 7440-39-3 44.3 79.3 mg/kg P209489 3 7 FT SEP2289BR0307 BARIUM 7440-39-3 40 76.4 mg/kg V P209589 0 4 FT SEP2389BR0004 BARIUM 7440-39-3 40 97.7 mg/kg V P209589 4 10 FT SEP2389BR0410 BARIUM 7440-39-3 40 26.9 mg/kg U V P209889 0 4 FT SEP2689BR0410 BARIUM 7440-39-3 40 152 mg/kg V P210189 0 3 FT SEP3089BR0400 BARIUM 7440-39-3 40 55.5 mg/kg V P210189 3 9 FT SEP3089BR0309 BARIUM 7440-39-3 40 82 mg/kg V P210289 0 3 FT SEP3189BR0303 BARIUM 7440-39-3 50.1 136 mg/kg V P210289 0 3 FT SEP3189BR036 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083 | | | | | | | | | | | ~ |
| P209489 3 7 FT SEP2289BR0307 BARIUM 7440-39-3 40 76.4 mg/kg V P209589 0 4 FT SEP2389BR0004 BARIUM 7440-39-3 40 97.7 mg/kg V P209589 4 10 FT SEP2389BR0410 BARIUM 7440-39-3 40 26.9 mg/kg U V P209889 0 4 FT SEP2689BR0410 BARIUM 7440-39-3 40 152.mg/kg V P209889 4 10 FT SEP2689BR0410 BARIUM 7440-39-3 40 55.5 mg/kg V P210189 0 3 FT SEP3089BR0303 BARIUM 7440-39-3 50 228 mg/kg V P210289 3 9 FT SEP3089BR0303 BARIUM 7440-39-3 40 82 mg/kg V P210289 3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083AE | | | | | | | | | | | <u>v</u> |
| P209589 0 4 FT SEP2389BR0004 BARIUM 7440-39-3 40 97.7 mg/kg V P209589 4 10 FT SEP2389BR0410 BARIUM 7440-39-3 40 26.9 mg/kg U V P209889 0 4 FT SEP2689BR0004 BARIUM 7440-39-3 40 152 mg/kg V P209889 4 10 FT SEP2689BR0410 BARIUM 7440-39-3 40 55.5 mg/kg V P210189 0 3 FT SEP3089BR0303 BARIUM 7440-39-3 50 228 mg/kg V P210289 0 3 FT SEP3189BR0303 BARIUM 7440-39-3 40 82 mg/kg V P210289 3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg V 46593 10 16 IN SS40140AE BARIUM 7440-39-3 < | | | | | | | | | | | V |
| P209589 4 10 FT SEP2389BR0410 BARIUM 7440-39-3 40 26.9 mg/kg U V P209889 0 4 FT SEP2689BR0004 BARIUM 7440-39-3 40 152 mg/kg V P209889 4 10 FT SEP2689BR0410 BARIUM 7440-39-3 40 55.5 mg/kg V P210189 0 3 FT SEP3089BR0303 BARIUM 7440-39-3 50 228 mg/kg V P210189 3 9 FT SEP3089BR0309 BARIUM 7440-39-3 40 82 mg/kg V P210289 0 3 FT SEP3189BR0303 BARIUM 7440-39-3 50.1 136 mg/kg V P210289 .3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 .5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 05093 | | 0 | 4 | FT | SEP2389BR0004 | BARIUM | | | 97.7 mg/kg | | |
| P209889 4 10 FT SEP2689BR0410 BARIUM 7440-39-3 40 55.5 mg/kg V P210189 0 3 FT SEP3089BR0003 BARIUM 7440-39-3 50 228 mg/kg V P210189 3 9 FT SEP3089BR0309 BARIUM 7440-39-3 40 82 mg/kg V P210289 0 3 FT SEP3189BR0306 BARIUM 7440-39-3 50.1 136 mg/kg V P210289 .3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 .5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 74 mg/kg V 05993 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg V 05393< | | | | | | | | | 26.9 mg/kg | | |
| P210189 0 3 FT SEP3089BR0003 BARIUM 7440-39-3 50 228 mg/kg V P210189 3 9 FT SEP3089BR0309 BARIUM 7440-39-3 40 82 mg/kg V P210289 0 3 FT SEP3189BR0003 BARIUM 7440-39-3 50.1 136 mg/kg V P210289 3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 76.2 mg/kg V 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg V 05193 0 5 FT BH00066AE BERYLLIUM 7440-41-7 5 1.1 mg/kg V | | | | | | | | | | | |
| PŽ10189 3 9 FT SEP3089BR0309 BARIUM 7440-39-3 40 82 mg/kg V PŽ10289 0 3 FT SEP3189BR0003 BARIUM 7440-39-3 50.1 136 mg/kg V PŽ10289 .3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 74 mg/kg V 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05193 0 5 FT BH00066AE BERYLLIUM 7440-41-7 5 1.4 mg/kg U V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 | | | | | | | | | | | v |
| P210289 0 3 FT SEP3189BR0003 BARIUM 7440-39-3 50.1 136 mg/kg P210289 .3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 74 mg/kg V 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05193 0 5 FT BH00066AE BERYLLIUM 7440-41-7 5 1.4 mg/kg V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td></td> <td>·</td> | | | | | | | | | | | · |
| P210289 .3 5 FT SEP3189BR0306 BARIUM 7440-39-3 40 145 mg/kg V 42493 5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 74 mg/kg V 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05193 0 5 FT BH0006AE BERYLLIUM 7440-41-7 5 1.4 mg/kg V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05393 0 5 FT BH00101PE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V | | | | | | | | | | | • |
| 42493 5 7 IN SS40083AE BARIUM 7440-39-3 10 37.5 mg/kg B V 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 74 mg/kg V 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05193 0 5 FT BH0006AE BERYLLIUM 7440-41-7 5 1.4 mg/kg V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg B Z | | .3 | | | | | | | | | v |
| 46593 7 8 IN SS40140AE BARIUM 7440-39-3 40 76.2 mg/kg V 46993 10 16 IN SS40144AE BARIUM 7440-39-3 40 74 mg/kg V 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05193 0 5 FT BH00066AE BERYLLIUM 7440-41-7 5 1.4 mg/kg V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg B Z | | 5 | | IN | SS40083AE | BARIUM | 7440-39-3 | 10 | 37.5 mg/kg | | |
| 05093 0 6 FT BH00061AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 05193 0 5 FT BH00066AE BERYLLIUM 7440-41-7 5 1.4 mg/kg V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg B Z | | | | | | | | | 76.2 mg/kg | | |
| 05193 0 5 FT BH00066AE BERYLLIUM 7440-41-7 5 1.4 mg/kg V 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg B Z | | | | | | | | | | | |
| 05393 0 5 FT BH00076AE BERYLLIUM 7440-41-7 5 1.1 mg/kg U V 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg B Z | | | | | | | | | | | |
| 48195 0 2 FT BH00101PE BERYLLIUM 7440-41-7 0.27 0.63 mg/kg B Z | | | | | | | | | 1.4 mg/kg | | |
| | | | | | BH00101PE | BERYLLIUM | | | | | |
| | 48195 | 2 | | | BH00102PE | | 7440-41-7 | 0.27 | 0.86 mg/kg | | Ž |

|) ' | | | r Evaporation Ponds | | | | Less Tha | | | |
|----------------|--------|--------------|------------------------|---------------------------------------|------------------------|-----------|-------------|----------------|------------|--------------|
| LOCATION | DEDTH | DEPTH LIK | IIT SAMPLE | 1 5 10 10 10 | And the spice | DETECTION | A 50 A | | RESULT | VALIDATION |
| CODE | START | END CO | DE NUMBER | Analyte | CAS NO | LIMIT | RESULT | UNITS | OLIALIFIER | QUALIFIER |
| 48195 | 4 | | BH00103PE | | 7440-41-7 | 0.27 | | | В | Z |
| 48295 | 0 | | BH00104PE | BERYLLIUM | 7440-41-7 | 0.27 | 0.59 | mg/kg | В | Z |
| 48295 | 2 | | BH00105PE | BERYLLIUM | 7440-41-7 | 0.27 | | | В | Z |
| 48295 | 4 | | BH00106PE | | 7440-41-7 | 0.27 | | | B | <u>Z</u> |
| 48395 48395 | 0 2 | 2 FT 4 FT | BH00107PE BH00108PE | BERYLLIUM | 7440-41-7 7440-41-7 | 0.31 | | | В | Z |
| 48395 | 4 | 5 FT | BH00109PE | BERYLLIUM | 7440-41-7 | 0.31 | | mg/kg mg/kg | | Z |
| 44593 | 0 | 6 FT | BH40001AE | | 7440-41-7 | 1.1 | | | U | V |
| 40893 | 0 | 7 FT | BH40030AE | | 7440-41-7 | 1.1 | 1.1 | mg/kg | Ū | V |
| 44393 | 0 | 5 FT | BH40033AE | | 7440-41-7 | 1 | 1.1 | mg/kg | U | V |
| 41193 | 0 | | BH40049AE | BERYLLIUM | 7440-41-7 | 1 | | | U | V |
| 41993 43893 | 0 | | BH40062AE | | 7440-41-7 | 1 | | | U | V |
| 40293 | 0 | 6 FT 3 FT | BH40070AE BH40118AE | BERYLLIUM BERYLLIUM | 7440-41-7 7440-41-7 | 1 1 | 1.5 | mg/kg mg/kg | 11 | IV. |
| 40393 | 0 | | BH40123AE | BERYLLIUM | 7440-41-7 | 1 | 1.2 | | U | V V |
| 42993 | 1 | | BH40141AE | BERYLLIUM | 7440-41-7 | . 1 | 1.2 | | U | V |
| 40793 | 0 | | BH40157AE | | 7440-41-7 | 5 | | | Ŭ | V |
| 40093 | 0 | 6 FT | BH40167AE | | 7440-41-7 | 1 | | | Ü | V |
| 44893 | 0 | 5 FT | BH40188AE | BERYLLIUM | 7440-41-7 | 1 | 1.2 | mg/kg | U | V |
| 41293 | 0 | | BH40196AE | | 7440-41-7 | 5 | | | | V |
| 40993 | 0 | | BH40201AE | | 7440-41-7 | 5 | | | U | V |
| 41693 41793 | 0 | 5 FT 5 FT | BH40217AE BH40243AE | BERYLLIUM BERYLLIUM | 7440-41-7 7440-41-7 | 1 | | | U | V I |
| 42293 | 1 | 5;F1 6:FT | BH40253AE | | 7440-41-7 7440-41-7 | 1 5 | | | U U | V |
| 42393 | 0 | 5/FT | BH40261AE | | 7440-41-7 | 1 | | | | V |
| 43193 | 0 | 5 FT | BH40306AE | | 7440-41-7 | 1 | | mg/kg | | v |
| 43493 | 0 | 5 FT | BH40319AE | · · · · · · · · · · · · · · · · · · · | 7440-41-7 | 5 | | | U | v |
| 43493 | 5 | 10 FT | BH40322AE | | 7440-41-7 | 5 | 1.1 | mg/kg | U | V |
| 43793 | 0 | 5 FT | BH40332AE | | 7440-41-7 | 5 | | mg/kg | | V |
| 44093 | 0 | 6 FT | BH40348AE | | 7440-41-7 | 1 | | mg/kg | | V |
| 43993 45693 | 0 | 5 FT | | | 7440-41-7 | 1 | | | U | V |
| 45893 | 0 | 6 FT 5 FT | | | 7440-41-7 7440-41-7 | . 5 5 | | | U | V |
| 46193 | 0 | 6 FT | | | 7440-41-7 | 5 | | | | V |
| 40793 | 0 | 5 FT | | | 7440-41-7 | 5 | | | Ü | v |
| 41593 | 0 | 2 FT | | | 7440-41-7 | 5 | | | | v |
| 41593 | 2 | 4 FT | | | 7440-41-7 | 5 | | | U | V |
| 41593 | 4 | 6 FT | | | 7440-41-7 | 5 | | | U | V |
| 42193 42193 | 0 | 2 FT | | | 7440-41-7 | 5 | | | U | V |
| 42193 | 0 | 4 FT 5 FT | | | 7440-41-7 7440-41-7 | 5 | | | | <u>v</u> |
| 42493 | 0 | 2 FT | | | 7440-41-7 | 5 5 | | | | V |
| 42493 | 0 | 4 FT | | | 7440-41-7 | 5 | | | | v |
| 42493 | 0 | 5 FT | | | 7440-41-7 | 5 | | | | v |
| 42493 | 4 | 8 FT | | | 7440-41-7 | 5 | | | | V |
| 42593 | 0 | 2 FT | | | 7440-41-7 | 5 | | mg/kg | | V |
| 42593 | 0 | 4 FT | | | 7440-41-7 | 5 | | mg/kg | | V |
| 42593 42593 | 0 4 | 5 FT 8 FT | | | 7440-41-7 7440-41-7 | 5 | | | | <u>V</u> |
| 42093 | 0 | 5 FT | | | 7440-41-7 7440-41-7 | 5 | | | | V V |
| 43393 | 0 | 2 FT | | | 7440-41-7 | 5 | | | | * |
| 43393 | 0 | 4 FT | | | 7440-41-7 | 5 | | | | v – |
| 43393 | 0 | 5 FT | | | 7440-41-7 | 5 | | | | v |
| 43393 | 5 | 8 FT | BH40517AE | | 7440-41-7 | 5 | | mg/kg | U | V |
| 43693 | 0 | 2 FT | | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | U | V |
| 43693 | 0 | 4 FT | | | 7440-41-7 | 5 | | | | V |
| 43693 45793 | 0 | 5 FT | | | 7440-41-7 | 5 | | | | V |
| 46593 | 1 | 4 FT 3 FT | | | 7440-41-7 7440-41-7 | · 5 | | | | <u>v</u> |
| 46593 | 3 | 5 FT | | | 7440-41-7 7440-41-7 | 1 | | | | J J |
| 46593 | 5 | 7/FT | | | 7440-41-7 | 1 | | | | J |
| 46593 | 5 | 9 FT | | | 7440-41-7 | i | | | | J |
| 46693 | 0 | 2 FT | BH40715AE | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | | v |
| 46693 | 2 | 4 FT | | | 7440-41-7 | 1 | 0.4 | mg/kg | U į | J |
| 16693 | 5 | 7 FT | | | 7440-41-7 | 1 | | | U | |
| 46793 46793 | 0 | 2 FT | | | 7440-41-7 | 1 | | mg/kg | | V |
| 10123 | 2 | 4 FT | BH40731AE | BERYLLIUM I | 7440-41-7 | 1 | 0.66 | mg/kg | R [| V |

| [| Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Su | bsurface Soils | Less Tha | n 6 Fee | t - Metals | |
|--------------------|-----------|-------------|------------|--------------------------------|---------------------------------------|--------------------------|----------------|---------------------------------------|------------------------------|--|--------------|
| * * * * * × | www. Land | 80 5. 4 | Service of | distribution of the second | 412 4 X V V V | | | 1 | 2 1 V | LAB | |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | ref. by my grater and for | | DETECTION | | | RESULT | VALIDATION |
| | | | | NUMBER | | CAS NO | LIMIT | RESULT | Margaret Annight, of the in- | Carried Comments of the State o | QUALIFIER |
| 46793 46893 | 0 | | | BH40732AE BH40743AE | BERYLLIUM BERYLLIUM | 7440-41-7 7440-41-7 | f 1 1 | | mg/kg mg/kg | | V V |
| 46893 | 2 | | | BH40745AE | BERYLLIUM | 7440-41-7 | 1 | | | | V |
| 46993 | 1 | | | BH40757AE | BERYLLIUM | 7440-41-7 | 1 | | | | v |
| 46993 | 3 | | | BH40759AE | | 7440-41-7 | 1 | | | | V |
| 47093 | 1 | | FT | BH40771AE | BERYLLIUM | 7440-41-7 | 5 | 1.2 | mg/kg | U | J |
| 47093 | 3 | | | BH40773AE | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | U | J |
| 47093 | 5 | | | BH40774AE | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | U , | J |
| P207589 P207589 | 3 | | | SEP0389BR0003 | | 7440-41-7 7440-41-7 | 1.2 | | mg/kg | | A |
| P207369 | 0 | | | SEP0389BR0309 SEP1689BR0004 | | 7440-41-7 | 1 1.1 | | mg/kg mg/kg | | Α |
| P208889 | 4 | | | SEP1689BR0410 | | 7440-41-7 | 1 | | mg/kg | | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7440-41-7 | 1 | | mg/kg | | V |
| P209089 | 0 | 3 | | SEP1889BR0003 | | 7440-41-7 | 1.1 | | mg/kg | | |
| P209089 | 4 | | | SEP1889BR0309 | } | 7440-41-7 | 1 | 4.2 | mg/kg | | A |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-41-7 | 1.1 | | mg/kg | | |
| P209189 | 3 | | | SEP1989BR0309 | | 7440-41-7 | 1 | | mg/kg | | V |
| P209489 P209489 | 0 3 | | | SEP2289BR0003 SEP2289BR0307 | | 7440-41-7 7440-41-7 | 1.1 | | mg/kg | | ^ |
| P209469 | 0 | | | SEP2289BR0307 | | 7440-41-7 | 1 | | mg/kg mg/kg | | A V |
| P209589 | 4 | | FT | SEP2389BR0410 | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | | A |
| P209889 | 0 | | FT | SEP2689BR0004 | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | | V |
| P209889 | 4 | | FT | SEP2689BR0410 | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | | Ā |
| P210189 | 0 | | FT | SEP3089BR0003 | BERYLLIUM | 7440-41-7 | 1.2 | | mg/kg | | |
| P210189 | 3 | | | SEP3089BR0309 | | 7440-41-7 | 1 | | mg/kg | | V |
| P210289 P210289 | 3 | | | SEP3189BR0003 | | 7440-41-7 | 1.3 | | mg/kg | ! | |
| 42493 | | | | SEP3189BR0306 SS40083AE | BERYLLIUM | 7440-41-7 7440-41-7 | 5 | | mg/kg mg/kg | ! ປ | V V |
| 46593 | 7 | | | SS40140AE | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | Ü | J |
| 46993 | 10 | | | SS40144AE | | 7440-41-7 | 1 | | mg/kg | | v |
| 05093 | 0 | 6 | | BH00061AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | Ū | J |
| 05193 | 0 | | | BH00066AE | CADMIUM | 7440-43-9 | 5 | | | U | V |
| 05393 | 0 | | | BH00076AE | | 7440-43-9 | 5 | | mg/kg | | J |
| 48195 | 0 | | | BH00101PE | | 7440-43-9 | 0.41 | | mg/kg | U | Z |
| 48195 48195 | 2 4 | | | BH00102PE BH00103PE | | 7440-43-9 7440-43-9 | 0.42 0.41 | | mg/kg mg/kg | U | Z |
| 48295 | 0 | | | BH00104PE | | 7440-43-9 | 0.41 | | mg/kg | lU lU | Z Z |
| 48295 | 2 | | | BH00105PE | | 7440-43-9 | 0.41 | | mg/kg | | Ż |
| 48295 | 4 | | FT | BH00106PE | CADMIUM | 7440-43-9 | 0.42 | · · · · · · · · · · · · · · · · · · · | mg/kg | U | Ż |
| 48395 | 0 | | FT | BH00107PE | CADMIUM | 7440-43-9 | 0.45 | | | | Z |
| 48395 | 2 | | FT | BH00108PE | | 7440-43-9 | 0.51 | | | U | Z |
| 48395 | 4: | | | BH00109PE | CADMIUM | 7440-43-9 | 0.42 | | mg/kg | | Z |
| 44593 40893 | 0 | | | BH40001AE BH40030AE | CADMIUM | 7440-43-9 | 1.1 | | mg/kg | | i . |
| 44393 | 0 | | | | | 7440-43-9 7440-43-9 | 1.1 1 | | mg/kg ma/ka | | <u>J</u> |
| 41193 | 0 | | | BH40049AE | | 7440-43-9 | 1 | | ····· | 10 | <u>v</u> |
| 41993 | 0 | | | | | 7440-43-9 | 1 | | | | v |
| 43893 | 0 | | | | CADMIUM | 7440-43-9 | 1 | 1.2 | mg/kg | U | V |
| 40293 | 0 | | | | | 7440-43-9 | 1 | | | | V |
| 40393 | 0 | | | BH40123AE | | 7440-43-9 | 1 | | | | V |
| 42993 40793 | 1 0 | | | | | 7440-43-9 7440-43-9 | 1 | | | | V |
| 40093 | 0 | | | | | 7440-43-9 7440-43-9 | 5 1 | | | | V J |
| 44893 | 0 | | | | | 7440-43-9 | 1 | | | | v V |
| 41293 | 0 | | | | | 7440-43-9 | 5 | | | | v V |
| 40993 | 0 | 5 | FT i | BH40201AE | | 7440-43-9 | 5 | | | | v · |
| 41693 | 0 | | | | | 7440-43-9 | 1 | 27.6 | mg/kg | N | J |
| 41793 | 0 | | | | | 7440-43-9 | 1 | | | N i | J |
| 42293 | 1 | | FT | | | 7440-43-9 | 5 | | mg/kg | | V |
| 42393 43193 | 0 | | | | | 7440-43-9 7440-43-9 | 1 | | | | <u>v</u> |
| 43493 | 0 | | | | | 7440-43-9 7440-43-9 | 1) 5 | | mg/kg mg/kg | | J V |
| 43493 | 5 | | | | | 7440-43-9 | 5 | 1.5 | | | <u>v</u> |
| 43793 | 0 | | | | | 7440-43-9 | 5 | | mg/kg | | v |
| 44093 | 0 | 6 | FT | | · · · · · · · · · · · · · · · · · · · | 7440-43-9 | 1 | 1.2 | mg/kg | U | Ÿ i |
| 43993 | 0 | | FT | BH40353AE | | 7440-43-9 | 1 | 1.2 | mg/kg | UN | J |
| 45693 | 0 | 6 | FT | BH40374AE | CADMIUM | 7440-43-9 | 5 | 1.3 | mg/kg | U | V |

| | Та | ble A.6 | Solar Ev | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Tha | an 6 Feet | - Metals | |
|--------------------|---------------|---|--------------|--------------------------------|---------------------|------------------------|----------------|----------------|----------------|--------------|------------|
| 0.5 , 現・2十分 | pr. 10 . 10 4 | (a) (b) (b)(b) (c)(c)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)(d)< | 4 4 1/4 | 在中心的 · | 1 克里奇里纳 多家 | CAS NO | 1. 2. 2. 3. 5. | and the second | | LAB | |
| LOCATION | DEPTH | DEPTH | UNIT. | SAMPLE > | Analyte | 30 A | DETECTION | ila decid | 1 2 2 | RESULT | VALIDATION |
| | | | CODE | <u> </u> | Analyte | | LIMIT | | | | QUALIFIER |
| 45893 | 0 | | · | | CADMIUM | 7440-43-9 | 5 | | mg/kg | | V V |
| 46193 | 0 | | | | CADMIUM | 7440-43-9 | 5 | | | lu Iu | V |
| 40793 | 0 | | | | CADMIUM CADMIUM | 7440-43-9 7440-43-9 | 5 | | mg/kg mg/kg | 10 | V |
| 41593 | 0 | | | | CADMIUM | 7440-43-9 | 5 | | mg/kg | U | V |
| 41593 | 2 4 | | ************ | BH40419AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | | V |
| 41593 42193 | 0 | | FT | BH40425AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | | ĬV |
| 42193 | 0 | | FT | BH40426AE | | 7440-43-9 | 5 | | | | V |
| 42193 | 0 | | FT | BH40427AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | Ü | V |
| 42493 | 0 | | FT | BH40438AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | į . | V . |
| 42493 | 0 | | FT | | CADMIUM | 7440-43-9 | 5 | | mg/kg | | V |
| 42493 | 0 | 5 | FT | BH40440AE | | 7440-43-9 | 5 | | mg/kg | | V |
| 42493 | 4 | 8 | FT | BH40441AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | | V |
| 42593 | 0 | 2 | FT | | | 7440-43-9 | 5 | | mg/kg | | J |
| 42593 | 0 | | FT | BH40447AE | | 7440-43-9 | 5 | | | | V |
| 42593 | 0 | | FT | BH40448AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | <u>[U</u> | IV |
| 42593 | 4 | ~~~~ | FT | BH40449AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | IU | V |
| 42093 | 0 | | FT | BH40483AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | lun | IV |
| 43393 | 0 | | | BH40510AE | CADMIUM | 7440-43-9 | 5 | | mg/kg mg/kg | | V V |
| 43393 | 0 | | | BH40511AE | CADMIUM CADMIUM | 7440-43-9 7440-43-9 | <u> </u> | | | U | V |
| 43393 43393 | 0 5 | | FT | BH40512AE BH40517AE | CADMIUM | 7440-43-9 | 5 | | | iU | V |
| 43693 | 0 | | | BH40517AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | | V |
| 43693 | 0 | | | BH40519AE | | 7440-43-9 | 5 | | mg/kg | | J |
| 43693 | 0 | | | BH40520AE | | 7440-43-9 | 5 | | mg/kg | | V |
| 45793 | 0 | | | BH40557AE | | 7440-43-9 | 5 | | mg/kg | U | V |
| 46593 | 1 | 3 | FT | BH40700AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | | V |
| 46593 | 3 | 5 | FT. | BH40702AE | CADMIUM | 7440-43-9 | . 1 | 0.61 | mg/kg | | V |
| 46593 | 5 | 7 | FT | BH40703AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | | IV . |
| 46593 | 5 | 9 | | BH40705AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | Ü | V |
| 46693 | 0 | | | BH40715AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | | V |
| 46693 | 2 | | | BH40717AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | | J |
| 46693 | 5 | | | BH40718AE | | 7440-43-9 | 1 | | mg/kg | | J |
| 46793 | 0 | | FT | BH40729AE | | 7440-43-9 | 1 | | mg/kg | <u> </u> | V |
| 46793 | 2 | | | BH40731AE | CADMIUM | 7440-43-9 7440-43-9 | 1 1 | | mg/kg | IU IU | J |
| 46793 | 4 | | | BH40732AE BH40743AE | CADMIUM CADMIUM | 7440-43-9 | 1 | | mg/kg mg/kg | iU | V |
| 46893 46893 | 2 | | · | BH40745AE | | 7440-43-9 | 1 | | mg/kg | Ū | v |
| 46993 | 1 | | FT | BH40757AE | CADMIUM | 7440-43-9 | 1 | | mg/kg | | īv . |
| 46993 | 3 | | FT | BH40759AE | | 7440-43-9 | 1 | | mg/kg | | J |
| 47093 | 1 | | | BH40771AE | | 7440-43-9 | 5 | | mg/kg | lu | V |
| 47093 | 3 | | | BH40773AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | Ú | V |
| 47093 | 5 | | | BH40774AE | CADMIUM | 7440-43-9 | 5 | 2.3 | mg/kg | | V |
| P207589 | 0 | 3 | FT | SEP0389BR0003 | CADMIUM | 7440-43-9 | 1.2 | 1.2 | mg/kg | Ū | |
| P208889 | 0 | 4 | | SEP1689BR0004 | | 7440-43-9 | 1.1 | | | U | |
| P209089 | 0 | | | SEP1889BR0003 | | 7440-43-9 | 1.1 | 11.8 | mg/kg | | |
| P209089 | 4 | | | SEP1889BR0309 | | 7440-43-9 | 1 | | mg/kg | | V |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-43-9 | 1.1 | | | U | <u></u> |
| P209189 | 3 | | | SEP1989BR0309 | | 7440-43-9 | 1 | | mg/kg | | V |
| P209489 | 0 | | | SEP2289BR0003 | | 7440-43-9 | 1.1 | | mg/kg | U | |
| P209489 | 3 | | | SEP2289BR0307 | | 7440-43-9 | 1 | | mg/kg | UJ | Α |
| P209589 | 0. | | | SEP2389BR0004 | | 7440-43-9 7440-43-9 | 1 | | mg/kg mg/kg | N) | A |
| P209589 P209889 | 4 | | FT | SEP2389BR0410 SEP2689BR0004 | | 7440-43-9 | 1 | | mg/kg mg/kg | | A . |
| P210189 | 0 | | | SEP2689BR0004 | | 7440-43-9 | 1.2 | | mg/kg | | <u> </u> |
| P210189 | 3 | | FT | SEP3089BR0003 | | 7440-43-9 | 1.2 | | mg/kg | J | Α |
| P210289 | . 0 | | | SEP3189BR0003 | | 7440-43-9 | 1.3 | | mg/kg | Ū | |
| 42493 | 5 | | | SS40083AE | CADMIUM | 7440-43-9 | 5 | | mg/kg | <u></u> | V |
| 46593 | 7 | | IN | SS40140AE | CADMIUM | 7440-43-9 | 1 | 56.7 | mg/kg | | J |
| 46993 | 10 | | | SS40144AE | CADMIUM | 7440-43-9 | 1 | 0.68 | mg/kg | U | V |
| 05093 | 0 | 6 | FT | BH00061AE | CALCIUM | 7440-70-2 | 1000 | 14500 | mg/kg | | V |
| 05193 | 0 | | | BH00066AE | CALCIUM | 7440-70-2 | 1000 | 80800 | | | J |
| 05393 | 0 | | | BH00076AE | CALCIUM | 7440-70-2 | 1000 | | | | V |
| 48195 | 0 | | | BH00101PE | CALCIUM | 7440-70-2 | | 2700 | mg/kg | | Z |
| 48195 | 2 | | | BH00102PE | CALCIUM | 7440-70-2 | 1 | | mg/kg | | Z |
| 48195 | 4 | 6 | | BH00103PE | CALCIUM | 7440-70-2 | <u> </u> | | mg/kg | | Z |
| 48295 | 0 | | | BH00104PE | CALCIUM | 7440-70-2 | 1 | 1760 | mg/kg | : | Ζ . |

| Table A & Solar Evaporation Ponds AOC - Analytical Results for Subsurface Solis Lass Than 6 Feel - Medials Cocces | |
|---|------------------|
| CODE START END CODE NUMBER APANY CAS NO VEHT RESULT VINTS QUALIFIE 48285 2 4 FT 8H00105PE CALCIUM 7440-70-2 1390 mg/kg 48295 4 8 FT 8H00105PE CALCIUM 7440-70-2 1390 mg/kg 48395 2 4 FT 8H00105PE CALCIUM 7440-70-2 1390 mg/kg 48395 2 4 FT 8H00105PE CALCIUM 7440-70-2 4420 mg/kg 48395 2 4 FT 8H00105PE CALCIUM 7440-70-2 4420 mg/kg 48395 2 4 FT 8H00105PE CALCIUM 7440-70-2 2297.6 2400 mg/kg 445335 0 6 FT 8H00105PE CALCIUM 7440-70-2 2194.4 91000 mg/kg 44533 0 6 FT 8H00105PE CALCIUM 7440-70-2 1083 24700 mg/kg 44593 0 6 FT 8H400409AE CALCIUM 7440-70-2 1199 7910 mg/kg 44593 0 6 FT 8H400409AE CALCIUM 7440-70-2 1199 7910 mg/kg 44593 0 6 FT 8H400105AE CALCIUM 7440-70-2 1199 7910 mg/kg 44593 0 6 FT 8H400105AE CALCIUM 7440-70-2 1191 7910 mg/kg 44593 0 6 FT 8H40115AE CALCIUM 7440-70-2 1191 2430 mg/kg 44593 0 6 FT 8H40115AE CALCIUM 7440-70-2 1198 4700 mg/kg 44593 0 6 FT 8H40115AE CALCIUM 7440-70-2 1198 4700 mg/kg 44593 0 6 FT 8H40115AE CALCIUM 7440-70-2 1198 4700 mg/kg 44593 0 6 FT 8H40115AE CALCIUM 7440-70-2 1198 4250 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1198 4250 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1198 4250 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1198 4250 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1198 4250 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1198 11000 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1198 11000 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1100 2400 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1100 3500 mg/kg 44593 0 6 FT 8H4015AE CALCIUM 7440-70-2 1100 3500 mg/kg 44593 0 6 FT 8H4015AE CALCIU | 4.66 |
| 1.200 1.20 | VALIDATION |
| 1895 4 8 FT B-H0010FBPE CALCIUM 7440-70-2 1.090 mg/kg 48395 0 2 FT B-H0010FBPE CALCIUM 7440-70-2 3390 mg/kg 48395 2 4 FT B-H0010FBPE CALCIUM 7440-70-2 3290 mg/kg 48395 2 4 FT B-H0010FBPE CALCIUM 7440-70-2 2267.6 21400 mg/kg 48395 0 6 FT B-H0001AE CALCIUM 7440-70-2 2294.6 21400 mg/kg 48593 0 6 FT B-H00001AE CALCIUM 7440-70-2 2294.6 21400 mg/kg 48593 0 7 FT B-H0003AE CALCIUM 7440-70-2 2194.6 91000 mg/kg 48393 0 5 FT B-H0003AE CALCIUM 7440-70-2 1993 24700 mg/kg CALCIUM 7440-70-2 1993 24700 mg/kg 41993 0 6 FT B-H0005AE CALCIUM 7440-70-2 1993 24700 mg/kg 41993 0 6 FT B-H0005AE CALCIUM 7440-70-2 1203 41900 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1203 41900 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 2424 4700 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 2424 4700 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 2303 1.000 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 2303 1.000 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 2303 1.000 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 2303 1.000 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1105 6 120 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1105 6 120 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1105 6 120 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1000 22400 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1000 22400 mg/kg 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1000 3000 mg/kg 6 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1000 3000 mg/kg 6 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1000 3000 mg/kg 6 40293 0 5 FT B-H001FAE CALCIUM 7440-70-2 1000 3000 mg/kg 6 40293 0 5 | |
| 1893 10 19 19 19 19 19 19 19 | Z |
| 18355 2 | 12 |
| 1835 1 18 18 19 19 19 19 19 | Z |
| 1855 0 6 FT BH40001AE CALCIUM 7440-70-2 2267 6 21400 mg/s | Z |
| 1983 0 7 FT BH40030AE CALCIUM 7440-70-2 2194.4 91000 mg/kg 143933 0 5 FT BH40030AE CALCIUM 7440-70-2 1193 27910 mg/kg 141933 0 6 FT BH40040AE CALCIUM 7440-70-2 1195 7910 mg/kg 141933 0 6 FT BH40063AE CALCIUM 7440-70-2 1119 27310 mg/kg 141933 0 6 FT BH40070AE CALCIUM 7440-70-2 1101 2430 mg/kg 14190 mg/kg | TV |
| 1993 0 SFT BH40033AE CALCIUM 7440-70-2 1083 24700 mg/s 1193 106 107 10840043AE CALCIUM 7440-70-2 1195 7910 mg/s 14993 0 SFT BH40062AE CALCIUM 7440-70-2 1101 2430 mg/s 14993 0 SFT BH40070AE CALCIUM 7440-70-2 1101 2430 mg/s 14993 0 SFT BH40118AE CALCIUM 7440-70-2 1203 4190 mg/s 140233 0 SFT BH40118AE CALCIUM 7440-70-2 12424 4700 mg/s 140233 0 SFT BH40118AE CALCIUM 7440-70-2 12339 11200 mg/s 140933 0 SFT BH40118AE CALCIUM 7440-70-2 12339 11200 mg/s 140933 0 SFT BH40167AE CALCIUM 7440-70-2 13939 11200 mg/s 140933 0 SFT BH40167AE CALCIUM 7440-70-2 1171 15000 mg/s 140933 0 SFT BH40167AE CALCIUM 7440-70-2 1171 15000 mg/s 140933 0 SFT BH40198AE CALCIUM 7440-70-2 11000 47600 mg/s 140933 0 SFT BH40217AE CALCIUM 7440-70-2 1000 47600 mg/s 140933 0 SFT BH40217AE CALCIUM 7440-70-2 1000 47600 mg/s 140933 0 SFT BH40217AE CALCIUM 7440-70-2 1000 24000 mg/s 140933 0 SFT BH4023AE CALCIUM 7440-70-2 1108 13300 mg/s E 140933 0 SFT BH40253AE CALCIUM 7440-70-2 1000 63000 mg/s 14233 0 SFT BH40253AE CALCIUM 7440-70-2 1000 63000 mg/s 14233 0 SFT BH4035AE CALCIUM 7440-70-2 1000 63000 mg/s 14233 0 SFT BH4035AE CALCIUM 7440-70-2 1108 133000 mg/s 14233 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 14233 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 14233 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 142333 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 14393 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 14393 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 14393 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 143933 0 SFT BH4035AE CALCIUM 7440-70-2 1100 63000 mg/s 143933 0 SFT | V |
| 1975 0 6 FT B H40049AE CALCIUM 7440-70-2 1199 7910 mg/kg 43983 0 6 FT B H40070AE CALCIUM 7440-70-2 1203 4190 mg/kg 43983 0 6 FT B H40070AE CALCIUM 7440-70-2 1203 4190 mg/kg 40983 0 5 FT B H40118AE CALCIUM 7440-70-2 2424 4700 mg/kg 40983 0 5 FT B H40141AE CALCIUM 7440-70-2 2424 4700 mg/kg 40983 0 5 FT B H40141AE CALCIUM 7440-70-2 2339 11200 mg/kg 40993 0 6 FT B H40167AE CALCIUM 7440-70-2 1000 21600 mg/kg 40993 0 6 FT B H40167AE CALCIUM 7440-70-2 1100 21600 mg/kg 40993 0 6 FT B H40167AE CALCIUM 7440-70-2 1171 10500 mg/kg 40993 0 5 FT B H4018AE CALCIUM 7440-70-2 1100 22400 mg/kg 40993 0 5 FT B H40201AE CALCIUM 7440-70-2 1000 42900 mg/kg 41693 0 5 FT B H40201AE CALCIUM 7440-70-2 1000 42900 mg/kg 41793 0 5 FT B H40201AE CALCIUM 7440-70-2 1000 42900 mg/kg 41793 0 5 FT B H4025AE CALCIUM 7440-70-2 1009 32400 mg/kg 42293 1 6 FT B H4025AE CALCIUM 7440-70-2 1009 311000 mg/kg 42393 0 5 FT B H40261AE CALCIUM 7440-70-2 1009 311000 mg/kg 42393 0 5 FT B H40305AE CALCIUM 7440-70-2 1168 13300 mg/kg 43493 0 5 FT B H40305AE CALCIUM 7440-70-2 2153 2070 mg/kg 43493 0 5 FT B H40305AE CALCIUM 7440-70-2 1163 32500 mg/kg 43493 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4035AE CALCIUM 7440-70-2 1000 8320 mg/kg 43993 0 5 FT B H4047AE CALCIUM 7440-70-2 1000 13900 mg/kg 43993 0 5 FT B H4047AE CALCIUM 7 | V |
| AFFINA CALCIUM T440-70-2 1101 | [V |
| CALCIUM |)V |
| 40283 | V |
| 179953 | V |
| 140783 | V |
| 100953 0 6 FT 6 6 7 1 1 1 1 1 1 1 1 1 | V |
| 44833 0 S FT BH40188AE | V. |
| 41293 0 S FT BH40796AE CALCIUM 7440-70-2 1000 47900 mg/kg 47993 0 S FT BH40217AE CALCIUM 7440-70-2 1000 47900 mg/kg E 47933 0 S FT BH40225AE CALCIUM 7440-70-2 1168 19300 mg/kg E 47933 0 S FT BH40225AE CALCIUM 7440-70-2 1009 117000 mg/kg E 47933 0 S FT BH4025AE CALCIUM 7440-70-2 1009 117000 mg/kg E 47933 0 S FT BH4036AE CALCIUM 7440-70-2 1009 117000 mg/kg E 47933 0 S FT BH40319AE CALCIUM 7440-70-2 2153 2070 mg/kg E 47933 0 S FT BH40319AE CALCIUM 7440-70-2 1183 32500 mg/kg E 47933 0 S FT BH40319AE CALCIUM 7440-70-2 1000 88400 mg/kg E 47933 0 S FT BH40332AE CALCIUM 7440-70-2 1000 88400 mg/kg E 47933 0 S FT BH40332AE CALCIUM 7440-70-2 1000 8820 mg/kg E 47933 0 S FT BH40333AE CALCIUM 7440-70-2 1000 8820 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1000 8820 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1163 102000 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1163 102000 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1100 8820 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1000 8820 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1000 3850 mg/kg E 47933 0 S FT BH40353AE CALCIUM 7440-70-2 1000 3850 mg/kg E 47933 0 S FT BH40435AE CALCIUM 7440-70-2 1000 3850 mg/kg E 47933 0 S FT BH40474AE CALCIUM 7440-70-2 1000 3850 mg/kg 47933 0 S FT BH40474AE CALCIUM 7440-70-2 1000 3850 mg/kg E 47933 0 S FT BH40474AE CALCIUM 7440-70-2 1000 3850 mg/kg E 47933 0 S FT BH40474AE CALCIUM 7440-70-2 1000 3850 mg/kg B 47933 0 S FT BH40474AE CALCIUM 7440-70-2 1000 3850 mg/kg 47933 0 S FT BH40474AE CALCIUM 7440-70-2 1000 3850 mg/kg 47933 0 S FT | - V |
| 140933 | V |
| 1693 0 5 FT 8 H40217AE CALCIUM 7440-70-2 1099 11000 mg/kg E 41793 0 5 FT 8 H4025AE CALCIUM 7440-70-2 1099 11000 mg/kg E 42293 11 6 FT 8 H4025AE CALCIUM 7440-70-2 1000 63000 mg/kg C 42393 0 5 FT 8 H4025AE CALCIUM 7440-70-2 2153 2070 mg/kg C 42393 0 5 FT 8 H4026AE CALCIUM 7440-70-2 1183 32000 mg/kg E 43493 0 5 FT 8 H4025AE CALCIUM 7440-70-2 1183 32000 mg/kg E 43493 0 5 FT 8 H40319AE CALCIUM 7440-70-2 1000 129000 mg/kg C 43793 0 5 FT 8 H40332AE CALCIUM 7440-70-2 1000 8820 mg/kg C 43993 0 5 FT 8 H40332AE CALCIUM 7440-70-2 1000 8820 mg/kg C 43993 0 5 FT 8 H4033AE CALCIUM 7440-70-2 1000 8320 mg/kg C 43993 0 5 FT 8 H4033AE CALCIUM 7440-70-2 1163 102000 mg/kg C 43993 0 5 FT 8 H4033AE CALCIUM 7440-70-2 1100 8320 mg/kg C 43993 0 5 FT 8 H4037AE CALCIUM 7440-70-2 1100 8320 mg/kg C 43993 0 5 FT 8 H4037AE CALCIUM 7440-70-2 1100 8880 mg/kg C 43993 0 5 FT 8 H4037AE CALCIUM 7440-70-2 1000 8880 mg/kg C 43993 0 5 FT 8 H4037AE CALCIUM 7440-70-2 1000 8880 mg/kg C 43993 0 5 FT 8 H4037AE CALCIUM 7440-70-2 1000 8880 mg/kg C 43993 0 5 FT 8 H4047AE CALCIUM 7440-70-2 1000 2850 mg/kg C 43993 0 5 FT 8 H4047AE CALCIUM 7440-70-2 1000 2850 mg/kg C 43993 0 5 FT 8 H4047AE CALCIUM 7440-70-2 1000 2850 mg/kg C 43993 0 5 FT 8 H4047AE CALCIUM 7440-70-2 1000 2850 mg/kg C 43993 0 5 FT 8 H4047AE CALCIUM 7440-70-2 1000 84700 mg/kg C 43993 0 5 FT 8 H4045AE CALCIUM 7440-70-2 1000 84700 mg/kg C 43993 0 5 FT 8 H4045AE CALCIUM 7440-70-2 1000 84700 mg/kg C 43993 0 5 FT 8 H4045AE CALCIUM 7440-70-2 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1 | - V |
| 11793 | - j |
| 1 | J |
| 1.2333 0 5 FT BH40396AE CALCIUM 7440-70-2 2153 2070 mg/kg 43193 0 5 FT BH40396AE CALCIUM 7440-70-2 1183 35200 mg/kg E 43493 0 5 FT BH40319AE CALCIUM 7440-70-2 1183 35200 mg/kg E 43493 5 10 FT BH40322AE CALCIUM 7440-70-2 1000 82900 mg/kg 43493 5 10 FT BH40322AE CALCIUM 7440-70-2 1000 8320 mg/kg 440933 0 5 FT BH40332AE CALCIUM 7440-70-2 1000 8320 mg/kg 440933 0 6 FT BH40348AE CALCIUM 7440-70-2 1120 57800 mg/kg 6 45893 0 6 FT BH40348AE CALCIUM 7440-70-2 1120 57800 mg/kg 6 45893 0 6 FT BH40377AE CALCIUM 7440-70-2 1100 15100 mg/kg 6 45893 0 6 FT BH40377AE CALCIUM 7440-70-2 1000 15100 mg/kg 6 45893 0 6 FT BH40377AE CALCIUM 7440-70-2 1000 13500 mg/kg 6 47893 0 6 FT BH40348AE CALCIUM 7440-70-2 1000 13500 mg/kg 6 47893 0 6 FT BH40413AE CALCIUM 7440-70-2 1000 28100 mg/kg 6 47893 0 2 FT BH40417AE CALCIUM 7440-70-2 1000 28500 mg/kg 6 47893 2 4 FT BH40418AE CALCIUM 7440-70-2 1000 28500 mg/kg 6 47893 2 4 FT BH40418AE CALCIUM 7440-70-2 1000 28500 mg/kg 6 47893 2 4 FT BH40428AE CALCIUM 7440-70-2 1000 87400 mg/kg 6 47893 0 2 FT BH40428AE CALCIUM 7440-70-2 1000 87400 mg/kg 8 47893 0 2 FT BH40428AE CALCIUM 7440-70-2 1000 87400 mg/kg 6 47893 0 4 FT BH40438AE CALCIUM 7440-70-2 1000 2990 mg/kg 6 47893 0 4 FT BH40438AE CALCIUM 7440-70-2 1000 1000 1000 mg/kg 6 47893 0 4 FT BH40438AE CALCIUM 7440-70-2 1000 1000 1000 mg/kg 6 47893 0 4 FT BH40438AE CALCIUM 7440-70-2 1000 1000 1000 mg/kg 6 47893 0 4 FT BH40438AE CALCIUM 7440-70-2 1000 1000 1000 mg/kg 47893 0 5 FT BH40448AE CALCIUM 7440-70-2 1000 1000 1000 mg/kg 47893 0 5 FT BH40448AE CALCIU | J |
| 13193 0 5 FT BH40316AE CALCIUM 7440-70-2 1183 35200 mg/kg 143493 0 5 FT BH40319AE CALCIUM 7440-70-2 1000 12900 mg/kg 143493 0 5 FT BH40319AE CALCIUM 7440-70-2 1000 12900 mg/kg 143493 0 5 FT BH40332AE CALCIUM 7440-70-2 1000 8320 mg/kg 143993 0 5 FT BH40348AE CALCIUM 7440-70-2 1000 8320 mg/kg 143993 0 5 FT BH40348AE CALCIUM 7440-70-2 1163 12020 mg/kg 143993 0 5 FT BH4037AE CALCIUM 7440-70-2 1163 12020 mg/kg 145993 0 5 FT BH4037AE CALCIUM 7440-70-2 1100 15100 mg/kg 145993 0 5 FT BH4037AE CALCIUM 7440-70-2 1000 9880 mg/kg 146193 0 6 FT BH40358AE CALCIUM 7440-70-2 1000 9880 mg/kg 146193 0 6 FT BH40345AE CALCIUM 7440-70-2 1000 28100 mg/kg 145993 0 2 FT BH40413AE CALCIUM 7440-70-2 1000 28100 mg/kg 145993 0 2 FT BH40413AE CALCIUM 7440-70-2 1000 28100 mg/kg 145993 0 2 FT BH40419AE CALCIUM 7440-70-2 1000 232000 mg/kg 147993 0 2 FT BH40419AE CALCIUM 7440-70-2 1000 232000 mg/kg 147993 0 2 FT BH40426AE CALCIUM 7440-70-2 1000 23200 mg/kg 147993 0 2 FT BH40426AE CALCIUM 7440-70-2 1000 23000 mg/kg 187993 0 2 FT BH40426AE CALCIUM 7440-70-2 1000 1500 mg/kg 187993 0 2 FT BH40436AE CALCIUM 7440-70-2 1000 1000 mg/kg 187993 0 2 FT BH40436AE CALCIUM 7440-70-2 1000 1000 mg/kg 187993 0 3 FT BH40436AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40436AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40436AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40440AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40440AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40440AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40440AE CALCIUM 7440-70-2 1000 17000 mg/kg 187993 0 3 FT BH40440A | V |
| 143493 0 S FT BH40332AE CALCIUM 7440-70-2 1000 129000 mg/kg 143793 0 S FT BH40332AE CALCIUM 7440-70-2 1000 8320 mg/kg 140793 0 S FT BH40332AE CALCIUM 7440-70-2 1000 8320 mg/kg 140933 0 S FT BH40335AE CALCIUM 7440-70-2 1205 75800 mg/kg 143993 0 S FT BH40353AE CALCIUM 7440-70-2 1205 75800 mg/kg 143993 0 S FT BH40353AE CALCIUM 7440-70-2 1000 15100 mg/kg 145993 0 S FT BH40377AE CALCIUM 7440-70-2 1000 15100 mg/kg 145993 0 S FT BH40377AE CALCIUM 7440-70-2 1000 13500 mg/kg 146193 0 S FT BH4035AE CALCIUM 7440-70-2 1000 23100 mg/kg 147933 0 S FT BH40413AE CALCIUM 7440-70-2 1000 23100 mg/kg 147933 0 S FT BH40413AE CALCIUM 7440-70-2 1000 23500 mg/kg 147933 0 S FT BH40413AE CALCIUM 7440-70-2 1000 23500 mg/kg 147933 0 S FT BH40413AE CALCIUM 7440-70-2 1000 23500 mg/kg 147933 0 S FT BH40419AE CALCIUM 7440-70-2 1000 232000 mg/kg 147933 0 S FT BH40425AE CALCIUM 7440-70-2 1000 87400 mg/kg 147933 0 S FT BH40425AE CALCIUM 7440-70-2 1000 840 mg/kg B 147933 0 S FT BH40427AE CALCIUM 7440-70-2 1000 840 mg/kg B 147933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 1050 mg/kg B 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 1050 mg/kg B 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 1050 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 1000 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 1000 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 19700 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 19700 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 19700 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 1000 mg/kg 142933 0 S FT BH40439AE CALCIUM 7440-70-2 1000 31800 mg/kg 142933 0 S | J |
| 143493 5 | J |
| 13793 0 5 FT BH40332AE CALCIUM 7440-70-2 1000 3320\text{ mg/kg} 44093 0 6 FT BH40348AE CALCIUM 7440-70-2 1163 102000\text{ mg/kg} 243993 0 5 FT BH40353AE CALCIUM 7440-70-2 1163 102000\text{ mg/kg} E 245993 0 6 FT BH40373AE CALCIUM 7440-70-2 1000 15100\text{ mg/kg} E 245993 0 6 FT BH40375AE CALCIUM 7440-70-2 1000 15100\text{ mg/kg} E 245993 0 6 FT BH40375AE CALCIUM 7440-70-2 1000 15100\text{ mg/kg} 246793 0 6 FT BH40413AE CALCIUM 7440-70-2 1000 13500\text{ mg/kg} 246793 0 5 FT BH40417AE CALCIUM 7440-70-2 1000 2650\text{ mg/kg} 246793 0 2 FT BH40417AE CALCIUM 7440-70-2 1000 2650\text{ mg/kg} 8 41593 2 4 FT BH40419AE CALCIUM 7440-70-2 1000 232000\text{ mg/kg} 41593 2 4 FT BH40419AE CALCIUM 7440-70-2 1000 232000\text{ mg/kg} 42193 0 4 FT BH40425AE CALCIUM 7440-70-2 1000 840\text{ mg/kg} 8 42193 0 4 FT BH40425AE CALCIUM 7440-70-2 1000 840\text{ mg/kg} B 42193 0 4 FT BH40427AE CALCIUM 7440-70-2 1000 1000 1000\text{ mg/kg} B 42493 0 5 FT BH40427AE CALCIUM 7440-70-2 1000 2990\text{ mg/kg} B 42493 0 5 FT BH40439AE CALCIUM 7440-70-2 1000 107000\text{ mg/kg} B 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 107000\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 2930\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 2930\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 2930\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 2930\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 2930\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 2930\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 3000\text{ mg/kg} 42593 4 8 FT BH40446AE CALCIUM 7440-70-2 1000 3000\text{ mg/kg} 42593 4 | J |
| 43993 0 5 FT BH40353AE CALCIUM 7740-70-2 1163 102000 lmg/kg E 145983 0 6 FT BH40377AE CALCIUM 7740-70-2 1000 15100 lmg/kg E 145993 0 5 FT BH40377AE CALCIUM 7740-70-2 1000 9880 lmg/kg 145993 0 5 FT BH40413AE CALCIUM 7740-70-2 1000 28100 lmg/kg 14593 0 2 FT BH40413AE CALCIUM 7740-70-2 1000 28100 lmg/kg 14593 0 2 FT BH40417AE CALCIUM 7740-70-2 1000 28500 lmg/kg 14593 4 6 FT BH40418AE CALCIUM 7740-70-2 1000 282000 lmg/kg 14593 4 6 FT BH40418AE CALCIUM 7740-70-2 1000 282000 lmg/kg 142193 0 2 FT BH40425AE CALCIUM 7740-70-2 1000 8401 lmg/kg B 142193 0 4 FT BH40425AE CALCIUM 7740-70-2 1000 8401 lmg/kg B 142193 0 4 FT BH40425AE CALCIUM 7740-70-2 1000 8401 lmg/kg B 142193 0 4 FT BH40425AE CALCIUM 7740-70-2 1000 2990 lmg/kg B 142193 0 4 FT BH40425AE CALCIUM 7740-70-2 1000 2990 lmg/kg B 142193 0 5 FT BH40438AE CALCIUM 7740-70-2 1000 2990 lmg/kg 142493 0 5 FT BH40438AE CALCIUM 7740-70-2 1000 107000 lmg/kg 142493 0 5 FT BH40438AE CALCIUM 7740-70-2 1000 107000 lmg/kg 142493 0 5 FT BH40440AE CALCIUM 7740-70-2 1000 24000 lmg/kg 142493 0 5 FT BH40440AE CALCIUM 7740-70-2 1000 24000 lmg/kg 142593 0 5 FT BH40440AE CALCIUM 7740-70-2 1000 24000 lmg/kg 142593 0 5 FT BH40448AE CALCIUM 7740-70-2 1000 1970 lmg/kg 142593 0 5 FT BH40448AE CALCIUM 7740-70-2 1000 25400 lmg/kg 142593 0 5 FT BH40448AE CALCIUM 7740-70-2 1000 1500 lmg/kg 143393 0 5 FT BH4048AE CALCIUM 7740-70-2 1000 25400 lmg/kg 143393 0 5 FT BH4048AE CALCIUM 7740-70-2 1000 17000 lmg/kg 143393 0 5 FT BH40519AE CALCIUM 7740-70-2 1000 3180 lmg/kg 143393 0 5 FT BH40519AE CALCIUM 7740-70-2 1000 3180 lmg/kg 143693 0 5 FT BH40519AE CALCIUM 7740-70-2 | V |
| 45893 | V |
| 14593 | įJ |
| 16193 | V |
| 10793 | V |
| 41593 | IV IV |
| ATT693 | 17 |
| 11593 | 13 |
| 12193 0 2 FT BH40425AE CALCIUM 7440-70-2 1000 840 mg/kg B 842193 0 4 FT BH40426AE CALCIUM 7440-70-2 1000 1050 mg/kg B 842193 0 5 FT BH40427AE CALCIUM 7440-70-2 1000 1050 mg/kg B 842493 0 2 FT BH40438AE CALCIUM 7440-70-2 1000 107000 mg/kg 842493 0 4 FT BH40438AE CALCIUM 7440-70-2 1000 107000 mg/kg 842493 0 5 FT BH40440AE CALCIUM 7440-70-2 1000 107000 mg/kg 842493 0 5 FT BH40440AE CALCIUM 7440-70-2 1000 24000 mg/kg 842493 4 8 FT BH40440AE CALCIUM 7440-70-2 1000 1600 mg/kg 842593 0 2 FT BH40446AE CALCIUM 7440-70-2 1000 2930 mg/kg 842593 0 4 FT BH40447AE CALCIUM 7440-70-2 1000 2930 mg/kg 842593 0 5 FT BH40448AE CALCIUM 7440-70-2 1000 25400 mg/kg 842593 4 8 FT BH40448AE CALCIUM 7440-70-2 1000 25400 mg/kg 842593 4 8 FT BH40448AE CALCIUM 7440-70-2 1000 25400 mg/kg 842593 4 8 FT BH40448AE CALCIUM 7440-70-2 1000 25400 mg/kg 842593 4 8 FT BH40448AE CALCIUM 7440-70-2 1000 1490 mg/kg 842593 4 8 FT BH40448AE CALCIUM 7440-70-2 1000 1490 mg/kg 843393 0 5 FT BH40510AE CALCIUM 7440-70-2 1000 3160 mg/kg 843393 0 5 FT BH40510AE CALCIUM 7440-70-2 1000 3160 mg/kg 843393 0 5 FT BH40510AE CALCIUM 7440-70-2 1000 3160 mg/kg 843693 0 5 FT BH40517AE CALCIUM 7440-70-2 1000 3180 mg/kg 843693 0 5 FT BH40519AE CALCIUM 7440-70-2 1000 3180 mg/kg 845693 0 5 FT BH40519AE CALCIUM 7440-70-2 1000 33200 mg/kg 845693 0 5 FT BH40519AE CALCIUM 7440-70-2 1000 33200 mg/kg 845693 0 5 FT BH40705AE CALCIUM 7440-70-2 1000 33200 mg/kg 845693 0 5 FT BH40705AE CALCIUM 7440-70-2 1000 33200 mg/kg 845693 5 FT BH40705AE CALCIUM 7440-70-2 1000 33200 mg | ij |
| 12193 | İV |
| 42193 | lv |
| 12493 0 2 FT BH40438AE CALCIUM 7440-70-2 1000 107000 mg/kg 12493 0 4 FT BH40439AE CALCIUM 7440-70-2 1000 171000 mg/kg 12493 0 5 FT BH40440AE CALCIUM 7440-70-2 1000 24000 mg/kg 12493 4 8 FT BH40441AE CALCIUM 7440-70-2 1000 1600 mg/kg 12593 0 2 FT BH40446AE CALCIUM 7440-70-2 1000 2930 mg/kg 12593 0 4 FT BH40447AE CALCIUM 7440-70-2 1000 1970 mg/kg 12593 0 5 FT BH40448AE CALCIUM 7440-70-2 1000 1970 mg/kg 12593 4 8 FT BH40449AE CALCIUM 7440-70-2 1000 1970 mg/kg 12593 4 8 FT BH40449AE CALCIUM 7440-70-2 1000 1490 mg/kg 12093 0 5 FT BH40483AE CALCIUM 7440-70-2 1000 1490 mg/kg 12093 0 5 FT BH40510AE CALCIUM 7440-70-2 1000 58300 mg/kg 143393 0 2 FT BH40510AE CALCIUM 7440-70-2 1000 3160 mg/kg 143393 0 5 FT BH40511AE CALCIUM 7440-70-2 1000 3160 mg/kg 143393 0 5 FT BH40512AE CALCIUM 7440-70-2 1000 3180 mg/kg 143693 0 5 FT BH40513AE CALCIUM 7440-70-2 1000 3180 mg/kg 143693 0 5 FT BH40513AE CALCIUM 7440-70-2 1000 3180 mg/kg 143693 0 5 FT BH40519AE CALCIUM 7440-70-2 1000 3180 mg/kg 143693 0 5 FT BH40519AE CALCIUM 7440-70-2 1000 3330 mg/kg 145793 0 4 FT BH40519AE CALCIUM 7440-70-2 1000 3330 mg/kg 145893 1 3 FT BH4050AE CALCIUM 7440-70-2 1000 3330 mg/kg 14593 3 5 FT BH4070AE CALCIUM 7440-70-2 1000 3300 mg/kg 14593 3 5 FT BH4070AE CALCIUM 7440-70-2 1000 3300 mg/kg 14593 3 5 FT BH4070AE CALCIUM 7440-70-2 1000 3300 mg/kg 14593 5 FT BH4070AE CALCIUM 7440-70-2 1000 3300 mg/kg 14593 5 FT BH4070AE CALCIUM 7440-70-2 1000 3300 mg/kg 14593 5 FT BH4070AE CALCIUM 7440-70-2 1000 3700 mg/kg 146993 5 FT BH40715AE CALCIUM 7440-7 | V |
| 42493 | V |
| 142493 | V |
| 42493 | V |
| 42593 | V |
| 12593 0 5 FT BH40448AE CALCIUM 7440-70-2 1000 25400 mg/kg 142593 4 8 FT BH40449AE CALCIUM 7440-70-2 1000 1490 mg/kg 142093 0 5 FT BH40483AE CALCIUM 7440-70-2 1078 5940 mg/kg 143393 0 2 FT BH40510AE CALCIUM 7440-70-2 1000 3160 mg/kg 143393 0 4 FT BH40511AE CALCIUM 7440-70-2 1000 3160 mg/kg 143393 0 5 FT BH40512AE CALCIUM 7440-70-2 1000 177000 mg/kg 143693 0 2 FT BH40517AE CALCIUM 7440-70-2 1000 3180 mg/kg 143693 0 4 FT BH40518AE CALCIUM 7440-70-2 1000 73200 mg/kg 143693 0 5 FT BH40519AE CALCIUM 7440-70-2 1000 175000 mg/kg 145793 0 4 FT BH40520AE CALCIUM 7440-70-2 1000 33300 mg/kg 146593 1 3 FT BH40702AE CALCIUM 7440-70-2 1000 33200 mg/kg 146593 5 7 FT BH40703AE CALCIUM 7440-70-2 1000 33200 mg/kg 146593 5 7 FT BH40703AE CALCIUM 7440-70-2 1000 3200 mg/kg 146593 5 7 FT BH40705AE CALCIUM 7440-70-2 1000 2000 mg/kg 146693 5 7 FT BH40705AE CALCIUM 7440-70-2 1000 2000 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3640 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 | V |
| 142593 | V |
| 42093 | V V |
| 43393 | V |
| 43393 | V |
| 43393 | TV |
| 43393 5 | iv |
| 13693 0 2 FT BH40518AE CALCIUM 7440-70-2 1000 73200 mg/kg 143693 0 4 FT BH40519AE CALCIUM 7440-70-2 1000 175000 mg/kg 145793 0 4 FT BH40557AE CALCIUM 7440-70-2 1000 138000 mg/kg 145793 0 4 FT BH40700AE CALCIUM 7440-70-2 1000 138000 mg/kg 146593 1 3 FT BH40700AE CALCIUM 7440-70-2 1000 33200 mg/kg 146593 3 5 FT BH40702AE CALCIUM 7440-70-2 1000 17500 mg/kg 146593 5 7 FT BH40703AE CALCIUM 7440-70-2 1000 2000 mg/kg 146593 5 9 FT BH40705AE CALCIUM 7440-70-2 1000 2370 mg/kg 146693 0 2 FT BH40715AE CALCIUM 7440-70-2 1000 749 mg/kg 146693 2 4 FT BH40715AE CALCIUM 7440-70-2 1000 3640 mg/kg 146693 5 7 FT BH40715AE CALCIUM 7440-70-2 1000 3790 mg/kg 146693 5 7 FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 146993 5 7 FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 146993 5 7 FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 146993 5 7 FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 5 7 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 146993 | Tv . |
| 43693 | V |
| 43693 0 5FT BH40520AE CALCIUM 7440-70-2 1000 3030 mg/kg 45793 0 4FT BH40557AE CALCIUM 7440-70-2 1000 138000 mg/kg 46593 1 3FT BH40700AE CALCIUM 7440-70-2 1000 33200 mg/kg 46593 3 5FT BH40702AE CALCIUM 7440-70-2 1000 17500 mg/kg 46593 5 7FT BH40703AE CALCIUM 7440-70-2 1000 2000 mg/kg 46593 5 9FT BH40705AE CALCIUM 7440-70-2 1000 2370 mg/kg 46693 0 2FT BH40715AE CALCIUM 7440-70-2 1000 749 mg/kg B46693 2 4FT BH40717AE CALCIUM 7440-70-2 1000 3640 mg/kg 46693 5 7FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 46693 5 7FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 3790 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg 46793 0 2FT | V |
| 45793 | īv |
| 1 | V |
| 46593 3 | V |
| 46593 5 | V |
| 46593 | V |
| 46693 2 4 FT BH40717AE CALCIUM 7440-70-2 1000 3640 mg/kg 46693 5 7 FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 46793 0 2 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg ** | V |
| 46893 5 7 FT BH40718AE CALCIUM 7440-70-2 1000 3790 mg/kg 46793 0 2 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg * | |
| 467.93 0 2 FT BH40729AE CALCIUM 7440-70-2 1000 1360 mg/kg * | V |
| 170,000 | JJ |
| TARKON TO THE TOTAL CONTROL OF THE TARK TARGET TO THE TARKON THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON TO THE TARKON | 12 |
| 10.00 | - <u>J</u> |
| 46793 | V |

| | Ta | ble A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Tha | n 6 Feet | t - Metals | |
|--------------------|---------|---------------------------------------|---------|--------------------------------|---------------------|--------------------------|---------------|--|----------------|--|--------------|
| L COATION | 18 37 1 | * | 1 3 40 | どあれるなどまり | · 子子をひとなる事 | | DETECTION | 4 - 7 C | : (%) } | , LAB | 11841 |
| LOCATION | | | | SAMPLE * | Analyte | CAS NO | DETECTION | PECILT | LIMITS | RESULT | VALIDATION |
| 46893 | 2 | | FT | BH40745AE | CALCIUM | 7440-70-2 | 1000 | | ma/ka | | V |
| 46993 | 1 | | FT | BH40757AE | CALCIUM | 7440-70-2 | 1000 | 7050 | mg/kg | | iv . |
| 46993 | 3 | | FT | BH40759AE | CALCIUM | 7440-70-2 | 1000 | | mg/kg | В | IV |
| 47093 47093 | 1 3 | | | BH40771AE BH40773AE | | 7440-70-2 7440-70-2 | 5000 5000 | | | | IJ |
| 47093 | 5 | | FT | BH40774AE | CALCIUM | 7440-70-2 | 5000 | <u></u> | | В• | J J |
| P207589 | 0 | | FT | SEP0389BR0003 | | 7440-70-2 | 11700 | | | <u>; </u> | |
| P207589 | 3 | | | SEP0389BR0309 | | 7440-70-2 | 2000 | | | | A |
| P208889 | 0 | | | SEP1689BR0004 | | 7440-70-2 | 10900 | | mg/kg | | |
| P208889 P208989 | 3 | | | SEP1689BR0410 SEP1789BR0309 | | 7440-70-2 7440-70-2 | 2000 2000 | | | <u> </u> | A |
| P209089 | 0 | | | SEP1889BR0003 | | 7440-70-2 | 1110 | | mg/kg | <u> </u> | IV |
| P209089 | 4 | | | SEP1889BR0309 | | 7440-70-2 | 2000 | | | | lv |
| P209189 | 0 | 3 | | SEP1989BR0003 | | 7440-70-2 | 1110 | | | | |
| P209189 | 3 | | | SEP1989BR0309 | | 7440-70-2 | 2000 | | mg/kg | | Α |
| P209489 | 0 | | | SEP2289BR0003 | | 7440-70-2 | 1110 | | mg/kg | | |
| P209489 P209589 | 3 | | | SEP2289BR0307 SEP2389BR0004 | | 7440-70-2 7440-70-2 | 2000 | 40000 | | | A |
| P209589 | 4 | | | SEP2389BR0004 SEP2389BR0410 | | 7440-70-2 | 2000 2000 | 2430 | mg/kg mg/kg | | A A |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-70-2 | 2000 | 39400 | | | V |
| P209889 | 4 | | | SEP2689BR0410 | | 7440-70-2 | 2000 | | mg/kg | | V |
| P210189 | 0 | | | SEP3089BR0003 | | 7440-70-2 | 1250 | 28700 | mg/kg | | |
| P210189 | 3 | · · · · · · · · · · · · · · · · · · · | | SEP3089BR0309 | | 7440-70-2 | 2000 | | mg/kg | | A |
| P210289 P210289 | 3 | | **** | SEP3189BR0003 SEP3189BR0306 | | 7440-70-2 | 12500 | 43800 | | | |
| 42493 | 5 | | | SS40083AE | | 7440-70-2 7440-70-2 | 2000 1000 | | mg/kg mg/kg | | V V |
| 46593 | 7 | | | SS40140AE | | 7440-70-2 | 1000 | 15600 | | | V |
| 46993 | 10 | 16 | | SS40144AE | | 7440-70-2 | 1000 | 17700 | | | V |
| 05093 | 0 | | | BH00061AE | | 7440-46-2 | 500 | 110 | mg/kg | | J |
| 05193 | 0 | | | | | 7440-46-2 | 500 | 120 | | | J |
| 05393 48195 | 0; 0 | | | | | 7440-46-2 | 500 | | | | <u> </u> |
| 48195 | 2 | | | | | 7440-46-2 7440-46-2 | 13.6 13.8 | | | U | Z Z |
| 48195 | 4 | | | | | 7440-46-2 | 13.8 | | | | Z |
| 48295 | 0 | 2 | FT | BH00104PE | | 7440-46-2 | 15.1 | ······································ | | | Ž |
| 48295 | 2 | | | | | 7440-46-2 | 13.6 | 13.6 | | U | Z |
| 48295 | 4 | | | | | 7440-46-2 | 13.9 | | | U | Z |
| 48395 48395 | 2 | | | | | 7440-46-2 7440-46-2 | 15.1 17.1 | | | U | 2 |
| 48395 | 4 | | | | | 7440-46-2 | 14.1 | | | <u>U</u> ! | Z Z |
| 44593 | 0 | | | | | 7440-46-2 | 226.8 | | | | j |
| 40893 | 0 | | | | | 7440-46-2 | 219.4 | | | | J |
| 44393 | . 0 | | | BH40033AE | | 7440-46-2 | 217 | | | | J |
| 41193 41993 | 0 | | | BH40049AE | | 7440-46-2 | 232 | | | | J |
| 43893 | 0 | | | | | 7440-46-2 7440-46-2 | 220 241 | | | | J |
| 40293 | 0 | | | | CESIUM | 7440-46-2 | 242 | | | | J |
| 40393 | 0 | 5 | FT | BH40123AE | CESIUM | 7440-46-2 | 234 | | mg/kg | U | J |
| 42993 | 1 | | | | | 7440-46-2 | 234 | 118 | mg/kg | Ū | J |
| 40793 40093 | 0 | | | | | 7440-46-2 | 500 | | | | J |
| 44893 | 0 | | | | | 7440-46-2 7440-46-2 | 234 231 | | | | J |
| 41293 | 0 | | | | | 7440-46-2 7440-46-2 | 500 | | | | J J |
| 40993 | 0 | | | | | 7440-46-2 | 500 | | | | J |
| 41693 | 0 | 5 | FT | BH40217AE | CESIUM | 7440-46-2 | 234 | 117 (| mg/kg | U | J |
| 41793 | 0 | | | | | 7440-46-2 | 220 | 110 | mg/kg | U i | J |
| 42293 42393 | 1 | | | | | 7440-46-2 | . 500 | | | | J |
| 43193 | 0 | | | BH40261AE BH40306AE | | 7440-46-2 7440-46-2 | 215 237 | | | | <u>J</u> |
| 43493 | 0 | | | | | 7440-46-2 | 500 | | | | J J |
| 43493 | 5 | 10 | FT | | | 7440-46-2 | 500 | | | UN | |
| 43793 | 0 | 5 | | BH40332AE | CESIUM | 7440-46-2 | 500 | 120 | ng/kg | UN | J |
| 44093 | 0 | 6 1 | | | | 7440-46-2 | 241 | | | U· | J |
| 43993 45693 | 0 | 5 I | | | | 7440-46-2 | 233 | | | | <u> </u> |
| 45893 | 0 | 5 1 | | | | 7440-46-2 7440-46-2 | 500 500 | | | UN . | |
| 46193 | 0 | | | | CESIUM | 7440-46-2 | 500 | | | | J J |
| | | | | | | | | | | <u> </u> | |

| | Ta | able A.6 Solar E | vaporation Ponds | AOC - Analytical Re | | | | | | |
|--------------------|---------|--|--------------------------------|---|------------------------|------------|-------------------------------|-------|--|-------------------------|
| CONTION | DEBTH | DEPTH UNIT | SAMPLE | 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | DETECTION | 4.344 | 17.40 | LAB | VALIDATION |
| | START | | | Analyte | CAS NO | DETECTION | RESULT | UNITS | RESULT | VALIDATION QUALIFIER |
| 40793 | 0 | britanning the August and Charles and August and August and August Augus | | | 7440-46-2 | 500 | and respectively and a second | | Company of the second section of the company of the | J |
| 41593 | 0 | | BH40417AE | CESIUM | 7440-46-2 | 500 | | | UN | J |
| 41593 | 2 | | BH40418AE | | 7440-46-2 | 500 | | | UN | J |
| 41593 | 4 | | BH40419AE | | 7440-46-2 | 500 | | | UN | J |
| 42193 | 0 | | BH40425AE | | 7440-46-2 | 500 | | | UN | J |
| 42193 42193 | 0 0 | | BH40426AE BH40427AE | | 7440-46-2 7440-46-2 | 500 500 | | | UN | J J |
| 42493 | 0 | | BH40438AE | · | 7440-46-2 | 500 | | | U | |
| 42493 | 0 | | | | 7440-46-2 | 500 | | | | J |
| 42493 | 0 | 5 FT | BH40440AE | CESIUM | 7440-46-2 | 500 | | | U | J |
| 42493 | 4 | | | CESIUM | 7440-46-2 | 500 | | | | J |
| 42593 | 0 | | BH40446AE | CESIUM | 7440-46-2 | 500 | | | UN | J |
| 42593 42593 | 0 0 | | BH40447AE | · | 7440-46-2 | 500 | | | | J |
| 42593 | 4 | 5 FT 8 FT | | CESIUM CESIUM | 7440-46-2 7440-46-2 | 500 500 | | | | J |
| 42093 | 0 | 5 FT | BH40483AE | CESIUM | 7440-46-2 | 216 | | | | J |
| 43393 | 0 | 2 FT | BH40510AE | CESIUM | 7440-46-2 | 500 | | | | J |
| 43393 | 0 | 4 FT | BH40511AE | CESIUM | 7440-46-2 | 500 | | | | J |
| 43393 | 0 | 5 FT | BH40512AE | | 7440-46-2 | 500 | 110 | mg/kg | | J |
| 43393 | 5 | 8 FT | BH40517AE | | 7440-46-2 | 500 | | | UN | J |
| 43693 | 0; 0 | 2 FT | BH40518AE | | 7440-46-2 | 500 | | | | J |
| 43693 | 0 | 4 FT 5 FT | BH40519AE BH40520AE | CESIUM CESIUM | 7440-46-2 7440-46-2 | 500 500 | | | U | J J |
| 45793 | 0 | 4 FT | | | 7440-46-2 7440-46-2 | 500 | | | UN | J |
| 46593 | 1 | 3 FT | | | 7440-46-2 | 200 | | | U | J |
| 46593 | 3 | 5 FT | | | 7440-46-2 | 200 | | | Ū | J |
| 46593 | 5 | 7 FT | BH40703AE | · | 7440-46-2 | 200 | | | | J |
| 46593 | 5 | | BH40705AE | | 7440-46-2 | 200 | | | | J |
| 46693 46693 | 0 | 2 FT | BH40715AE | | 7440-46-2 | 200 | | | | J |
| 46693 | 2 5 | 4 FT 7 FT | BH40717AE BH40718AE | | 7440-46-2 7440-46-2 | 200 | | | | J |
| 46793 | 0 | | | | 7440-46-2 | 200 | | | U | J |
| 46793 | 2 | 4 FT | BH40731AE | | 7440-46-2 | 200 | | | | J |
| 46793 | 4 | 6 FT | | | 7440-46-2 | 200 | 15.3 | mg/kg | | J |
| 46893 | 0 | 2¦FT | BH40743AE | | 7440-46-2 | 200 | | | | J |
| 46893 | 2 | 5 FT | BH40745AE | | 7440-46-2 | 200 | | | | J |
| 46893 | 5 | 7 FT | | | 7440-46-2 | 200 | | | | J |
| 46993 | 1 3 | 3 FT 5 FT | | | 7440-46-2 7440-46-2 | 200 | | | | J J |
| 47093 | 1 | 3 FT | BH40771AE | | 7440-46-2 | 1000 | | | | J |
| 47093 | 3 | 5 FT | | | 7440-46-2 | 1000 | | | | J |
| 47093 | 5 | 7 FT | BH40774AE | CESIUM | 7440-46-2 | 1000 | | | | J |
| P207589 | 0 | 3 FT | SEP0389BR0003 | ~ | 7440-46-2 | 234 | | | U | |
| P207589 | 3 | | SEP0389BR0309 | | 7440-46-2 | 200 | | | | V |
| P208889 P208889 | 0 4 | 4 FT 10 FT | SEP1689BR0004 | | 7440-46-2 7440-46-2 | 218 | | | U | V |
| P208989 | 3 | 9 FT | SEP1889BR0410 | | 7440-46-2 7440-46-2 | 200 200 | | | | V V |
| P209089 | 0 | 3/FT | SEP1889BR0003 | | 7440-46-2 | 222 | | | U | ν |
| P209089 | 4 | 9 FT | SEP1889BR0309 | | 7440-46-2 | 200 | | | | v |
| P209189 | 0 | | SEP1989BR0003 | | 7440-46-2 | 222 | 222 | mg/kg | Ū | |
| P209189 | 3 | | SEP1989BR0309 | | 7440-46-2 | 200 | 231 | | | A |
| P209489 | 0 | | SEP2289BR0003 | | 7440-46-2 | 222 | | | U | |
| P209489 P209589 | 3 | | SEP2289BR0307 | | 7440-46-2 | 200 | | | | <u>V</u> |
| P209589 | 4 | 10 FT | SEP2389BR0004 SEP2389BR0410 | ···· | 7440-46-2 7440-46-2 | 200 200 | | | | V V |
| P209889 | 0 | | SEP2689BR0004 | | 7440-46-2 | 200 | | | | <u>v</u> |
| P209889 | 4 | | SEP2689BR0410 | | 7440-46-2 | 200 | 243 | mg/kg | | v |
| P210189 | 0 | 3 FT | SEP3089BR0003 | | 7440-46-2 | 25 | 25 | | Ū | |
| P210189 | 3 | | SEP3089BR0309 | | 7440-46-2 | 200 | 219 | mg/kg | | V |
| P210289 | 0 | | SEP3189BR0003 | | 7440-46-2 | 250 | | | U | |
| P210289 42493 | 3: 5 | | SEP3189BR0306 | | 7440-46-2 | 200 | | | | V |
| 46593 | 7 | | | | 7440-46-2 7440-46-2 | 500 200 | | | | J J |
| 46993 | 10 | | | | 7440-46-2 | 200 | | | | J |
| 05093 | 0 | | | | 7440-47-3 | 10 | | mg/kg | | J |
| 05193 | 0 | 5FT | BH00066AE | CHROMIUM | 7440-47-3 | 10 | 18.1 | mg/kg | | J |
| 05393 | 0 | 5 FT | BH00076AE | CHROMIUM | 7440-47-3 | 10 | | mg/kg | | J |

| | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Tha | n 6 Fee | t - Metals | |
|----------------|----------|-------------|---|------------------------|--|------------------------|----------------|----------|----------------|--------------|---------------|
| L'OGATION | OCOZU | DEDTIL | | | | 1. 外公外 1 | PETECTION | 1.344 | 1.4 | LAB | |
| CODE | | | | SAMPLE | Analyte | CAS NO | S LIMIT | RESIDT | LINITS | CHALIFIER | OLIAL FIER |
| 48195 | 0 | | | BH00101PE | | 7440-47-3 | 2013 PHOLIS | | mg/kg | | Z |
| 48195 | 2 | | | BH00102PE | | 7440-47-3 | | | mg/kg | | Z |
| 48195 | 4 | | | BH00103PE | | 7440-47-3 | ļ | | mg/kg | <u> </u> | Z |
| 48295 48295 | 0 2 | | / ************************************ | BH00104PE BH00105PE | CHROMIUM CHROMIUM | 7440-47-3 7440-47-3 | | | mg/kg mg/kg | | Z |
| 48295 | 4 | · | | | | 7440-47-3 | İ | | mg/kg | | Z |
| 48395 | 0 | | | | | 7440-47-3 | | | mg/kg | 1 | Z |
| 48395 | 2 | | | | CHROMIUM | 7440-47-3 | | 35.8 | mg/kg | | Z |
| 48395 | 4 | | | BH00109PE | | 7440-47-3 | | 16.8 | mg/kg | | Z |
| 44593 | 0 | | | <u></u> | CHROMIUM CHROMIUM | 7440-47-3 7440-47-3 | 2.3 | | mg/kg mg/kg | <u> </u> | V |
| 44393 | 0 | | | | | 7440-47-3 | 2.2 | | mg/kg | | V |
| 41 193 | 0 | | | | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | v v |
| 41993 | 0 | 6 | FT | BH40062AE | CHROMIUM | 7440-47-3 | 2 | 26.5 | mg/kg | | V |
| 43893 | 0 | | | BH40070AE | | 7440-47-3 | 2 | | mg/kg | | V |
| 40293 | 0 | | | | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | V |
| 40393 | <u>0</u> | | | ' | | 7440-47-3 7440-47-3 | 2 | | mg/kg mg/kg | | V V |
| 40793 | 0 | | | | CHROMIUM | 7440-47-3 | 10 | | mg/kg mg/kg | | V |
| 40093 | Ö | | | BH40167AE | CHROMIUM | 7440-47-3 | 2 | 8.5 | mg/kg | İ | V |
| 44893 | 0 | 5 | FT | BH40188AE | CHROMIUM | 7440-47-3 | 2 | 19.2 | mg/kg | | V |
| 41293 | 0 | | | BH40196AE | | 7440-47-3 | 10 | 11.3 | mg/kg | | V |
| 40993 41693 | 0 | | | BH40201AE | | 7440-47-3 7440-47-3 | 10 | | mg/kg | | V |
| 41793 | 0 | | | BH40217AE BH40243AE | | 7440-47-3 | 2 | | mg/kg mg/kg | N N | J |
| 42293 | 1 | | <u>' </u> | | | 7440-47-3 | 10 | | | N | .J |
| 42393 | 0 | | | BH40261AE | | 7440-47-3 | 2 | | mg/kg | | V |
| 43193 | 0 | | | | | 7440-47-3 | 2 | | mg/kg | N | J |
| 43493 | 0 | | | BH40319AE | | 7440-47-3 | 10 | | mg/kg | | J |
| 43493 43793 | 5 | | | BH40322AE | | 7440-47-3 | 10 | | mg/kg | | <u>J</u> |
| 44093 | 0 0 | | | BH40332AE BH40348AE | | 7440-47-3 7440-47-3 | 10 | | mg/kg mg/kg | | V |
| 43993 | 0 | | | | | 7440-47-3 | 2 | | | | J |
| 45693 | 0 | 6 | | | | 7440-47-3 | 10 | | mg/kg | | V |
| 45893 | 0 | | | | | 7440-47-3 | 10 | | mg/kg | | V |
| 46193 | 0 | | | BH40385AE | ······································ | 7440-47-3 | 10 | | mg/kg | | V |
| 40793 | 0 0 | | | | | 7440-47-3 7440-47-3 | 10 | | mg/kg mg/kg | |) V |
| 41593 | 2 | | | BH40418AE | CHROMIUM | 7440-47-3 | 10 | | | | J |
| 41593 | 4 | | | | CHROMIUM | 7440-47-3 | 10 | | | | j |
| 4 2193 | 0 | | | BH40425AE | | 7440-47-3 | 10 | 23.1 | mg/kg | | V |
| 42193 | 0 | | | BH40426AE | CHROMIUM | 7440-47-3 | 10 | | mg/kg | 4—————— i | V |
| 42193 42493 | 0 0 | | | BH40427AE BH40438AE | | 7440-47-3 | 10 | | mg/kg | | V |
| 42493 | 0 | | | | | 7440-47-3 7440-47-3 | 10 | | mg/kg mg/kg | | V V |
| 42493 | 0 | | | | | 7440-47-3 | 10 | | mg/kg | ! | <u>v</u> |
| 42493 | 4 | 8 | FΤ | BH40441AE | | 7440-47-3 | 10 | 7.2 | mg/kg | | V |
| 42593 | 0 | | | BH40446AE | | 7440-47-3 | 10 | | mg/kg | | V |
| 42593 42593 | 0 | | | BH40447AE | | 7440-47-3 | 10 | | mg/kg | | <u>V</u> |
| 42593 | 0; 4 | | | BH40448AE BH40449AE | | 7440-47-3 7440-47-3 | 10 10 | | mg/kg mg/kg | | <u>v</u> |
| 42093 | 0 | | | | | 7440-47-3 | 2 | | mg/kg | | v V |
| 43393 | 0 | | | | | 7440-47-3 | 10 | | mg/kg | | V |
| 43393 | 0 | | | BH40511AE | | 7440-47-3 | 10 | | mg/kg | <u> </u> | V |
| 43393 | 0 | | | | | 7440-47-3 | 10 | | mg/kg | | V |
| 43393 43693 | 5 0 | | | BH40517AE BH40518AE | | 7440-47-3 7440-47-3 | 10 | | mg/kg | · | V |
| 43693 | 0 | | | BH40518AE | | 7440-47-3 7440-47-3 | 10 10 | | mg/kg mg/kg | | V V |
| 43693 | 0 | | | | | 7440-47-3 | 10 | | mg/kg | | v |
| 45793 | 0 | 4 | FT | BH40557AE | CHROMIUM | 7440-47-3 | 10 | 4.6 | mg/kg | | J |
| 46593 | 1 | | | | | 7440-47-3 | 2 | | mg/kg | | V |
| 46593 | 3 | | | | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | <u>V</u> |
| 46593 46593 | 5 | | | | CHROMIUM CHROMIUM | 7440-47-3 7440-47-3 | 2' | | mg/kg mg/kg | | V V |
| 46693 | 0 | | | | | 7440-47-3 | 2 | | mg/kg mg/kg | | <u>v</u> V |
| 46693 | 2 | | | | | 7440-47-3 | 2 | 12 | mg/kg | | v v |
| 46693 | 5 | | FT | BH40718AE | | 7440-47-3 | 2 | 15.4 | mg/kg | | V |

| • | | | | | AOC - Analytical Re | sults for Sul | surface Soils | Less Tha | n 6 Feet | | MA CONTRACTOR OF THE CONTRACTO |
|----------|--------|-----------|---|---------------|---------------------|--------------------------|---------------|--------------------|------------------------------|-----------|--|
| かいり食べ | 1. 1 m | · \$101 * | 3.4 | 後もつの縁を | | 4 4 4 4 4 4 | 10 2 2 2 | fr Manner | | LAB | |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | * * * * * * * * * | 444 | DETECTION | | | RESULT | VALIDATION |
| CODE | START | END | CODE | - NUMBER | Analyte | I CAS NO | LIMIT | SHERICAL PROPERTY. | and the second second second | QUALIFIER | And the second s |
| 46793 | 0 | | FT | BH40729AE | | 7440-47-3 | 2 | | mg/kg | | V |
| 46793 | 2 | | | BH40731AE | | 17440-47-3 | 2 | | mg/kg | | V |
| 46793 | 4 | 6 | FT _ | BH40732AE | | 7440-47-3 | 1 2 | | mg/kg | <u> </u> | V |
| 46893 | Ō | 2 | FT | BH40743AE | CHROMIUM | 7440-47-3 | 2 | | mg/kg | 1 | V |
| 46893 | 2 | 5 | FT | BH40745AE | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | V |
| 46993 | 1 | 3 | FT | BH40757AE | CHROMIUM | 7440-47-3 | 2 | | mg/kg | <u> </u> | V |
| 46993 | 3 | 5 | FT | BH40759AE | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | IV |
| 47093 | 1 | 3 | FT | BH40771AE | CHROMIUM | 17440-47-3 | 10 | | mg/kg | |)V |
| 47093 | 3 | 5 | FT | BH40773AE | CHROMIUM | 7440-47-3 | 10 | | mg/kg | | V |
| 47093 | 5 | 7 | FT | BH40774AE | CHROMIUM | 7440-47-3 | 10 | | mg/kg | | V |
| P207589 | 0 | 3 | FT | SEP0389BR0003 | CHROMIUM | 7440-47-3 | 2.3 | 8.9 | mg/kg | | |
| P207589 | 3 | 9 | FT | SEP0389BR0309 | CHROMIUM | 7440-47-3 | 2 | | mg/kg | <u> </u> | A |
| P208889 | 0 | 4 | FT | SEP1689BR0004 | CHROMIUM | 7440-47-3 | 2.2 | 8.2 | mg/kg | l | |
| P208889 | . 4 | 10 | | SEP1689BR0410 | | 7440-47-3 | 2 | 6.1 | mg/kg | | Α |
| P208989 | 3 | 9 | FT | SEP1789BR0309 | CHROMIUM | 7440-47-3 | 2 | 8.8 | mg/kg | | V |
| P209089 | 0 | 3 | FT | SEP1889BR0003 | CHROMIUM | 7440-47-3 | 2.2 | 7 | mg/kg | | |
| P209089 | 4 | 9 | FT | SEP1889BR0309 | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | Α |
| P209189 | 0 | 3 | FT | SEP1989BR0003 | | 7440-47-3 | 2.2 | | mg/kg | | |
| P209189 | 3 | | FT | SEP1989BR0309 | CHROMIUM | 7440-47-3 | 2 | 14.5 | mg/kg | | V |
| P209489 | 0 | | FT | SEP2289BR0003 | | 7440-47-3 | 2.2 | 6.9 | mg/kg | | |
| P209489 | 3 | | FT | SEP2289BR0307 | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | A |
| P209589 | 0 | 4 | FT | SEP2389BR0004 | CHROMIUM | 7440-47-3 | 2 | 10.4 | mg/kg | 1 | V |
| P209589 | 4 | | | SEP2389BR0410 | CHROMIUM | 7440-47-3 | 2 | | mg/kg | | Α |
| P209889 | 0 | 4 | FT | SEP2689BR0004 | CHROMIUM | 7440-47-3 | 2 | 9.9 | mg/kg | | V |
| P209889 | 4 | 10 | FT | SEP2689BR0410 | CHROMIUM | 7440-47-3 | . 2 | 7.3 | mg/kg | | V |
| P210189 | 0 | 3 | FT | SEP3089BR0003 | CHROMIUM | 7440-47-3 | 2.5 | 23.5 | mg/kg | | |
| P210189 | 3 | 9 | FT | SEP3089BR0309 | CHROMIUM | 7440-47-3 | 2 | 19.4 | mg/kg | | V |
| P210289 | 0 | 3 | FT | SEP3189BR0003 | CHROMIUM | 7440-47-3 | 2.5 | 19.8 | mg/kg | | |
| P210289 | 3 | 5 | FT | SEP3189BR0306 | CHROMIUM . | 7440-47-3 | 2 | 18.1 | mg/kg | | V |
| 42493 | 5 | 7 | IN | SS40083AE | CHROMIUM | 7440-47-3 | 10 | 10.7 | mg/kg | | V |
| 46593 | 7 | 8 | IN | SS40140AE | CHROMIUM | 7440-47-3 | 2 | 13.5 | mg/kg | | V |
| 46993 | 10 | 16 | IN | SS40144AE | CHROMIUM | 7440-47-3 | 2 | 13.4 | mg/kg | | V |
| 05093 | 0 | 6 | FT | BH00061AE | COBALT | 7440-48-4 | 10 | 3.8 | mg/kg | В | V |
| 05193 | Ō | | FT | BH00066AE | COBALT | 7440-48-4 | 10 | | | В | V |
| 05393 | 0 | | FT | BH00076AE | COBALT | 7440-48-4 | 10 | * | mg/kg | В | V |
| 48195 | 0 | | FT | BH00101PE | COBALT | 7440-48-4 | İ | | | В | Z |
| 48195 | 2 | | FT | BH00102PE | COBALT | 7440-48-4 | | | mg/kg | | Z |
| 48195 | 4 | | FT | BH00103PE | COBALT | 7440-48-4 | İ | | | В | Z |
| 48295 | 0 | | FT | BH00104PE | COBALT | 7440-48-4 | i | | mg/kg | В | Z |
| 48295 | 2 | | FT | BH00105PE | COBALT | 7440-48-4 | i | | | В | Z |
| 48295 | 4 | | FT | BH00106PE | COBALT | 7440-48-4 | | | mg/kg | В | Z |
| 48395 | 0 | | FT | BH00107PE | COBALT | 7440-48-4 | <u> </u> | | | В | Z |
| 48395 | 2 | | FT | BH00108PE | COBALT | 7440-48-4 | | | mg/kg | i | Z |
| 48395 | 4 | | FT | BH00109PE | COBALT | 7440-48-4 | | | mg/kg | | Z |
| 44593 | 0 | | FT | BH40001AE | COBALT | 7440-48-4 | 11.3 | | | В | v |
| 40893 | 0 | | FT | BH40030AE | COBALT | 7440-48-4 | 11 | | | В | V |
| 44393 | 0 | | FT | BH40033AE | COBALT | 7440-48-4 | 11 | | mg/kg | | v |
| 411.93 | 0 | | FT | BH40049AE | COBALT | 17440-48-4 | 12 | | | | v |
| 41993 | 0 | | *************************************** | BH40062AE | COBALT | 7440-48-4 | 11 | | mg/kg | | V |
| 43893 | 0 | | | BH40070AE | COBALT | 7440-48-4 | 12 | | | В | V |
| 40293 | 0 | | FT | BH40118AE | COBALT | 7440-48-4 | 12 | | | В | v · |
| 40393 | 0 | | FT | BH40123AE | COBALT | 7440-48-4 | 12 | | | В | v |
| 42993 | 1 | | FT | BH40141AE | COBALT | 7440-48-4 | 12 | | | IB | v |
| 40793 | Ö | | FT | | COBALT | 7440-48-4 | 10 | | | В | v |
| 40093 | 0 | | FT | BH40167AE | COBALT | 17440-48-4 | 12 | | | B | V |
| 44893 | 0 | | FT | BH40188AE | COBALT | 7440-48-4 | 12 | | | В | v |
| 41293 | 0 | | | BH40196AE | COBALT | 7440-48-4 | 10 | | | | V |
| 40993 | 0 | | FT | BH40201AE | COBALT | 7440-48-4 | 10 | | | В | v - |
| 41693 | 0 | | | BH40217AE | COBALT | 7440-48-4 | 12 | | | В | V |
| 41793 | 0 | | | BH40243AE | COBALT | 7440-48-4 | 11 | | | IB | V |
| 42293 | | | | BH40253AE | COBALT | 7440-48-4 | 10 | | | IB | V |
| | 1 | | FT | BH40261AE | COBALT | 17440-48-4 | 11 | | | В | V |
| 42393 | 0 | | FT | · | | 17440-48-4 17440-48-4 | 12 | | | | V |
| 43193 | 0 | | | BH40306AE | COBALT | 7440-48-4 7440-48-4 | 10 | | | B B | V |
| 43493 | 0 | | | BH40319AE | COBALT | 7440-48-4 | 10 | | | | V |
| 43493 | 5 | | | BH40322AE | COBALT | | 10 | | | | V |
| 43793 | 0 | | | BH40332AE | COBALT | 7440-48-4 | | | | | V |
| 44093 | 0 | 6 | FT _ | BH40348AE | COBALT | 7440-48-4 |] 12 | 0.3 | mg/kg | <u> B</u> | V |

| | T | ablė A.6 S | | | AOC - Analytical Re | | | | n 6 Feet | - Metals | |
|----------------------|----------|------------------|---------------|--------------------------------|-----------------------|------------------------|--------------------|--------------------------|--|------------|-------------------------|
| LOCATION | \$ * | | | - CALA E | and the second second | 1,000 | | | Special Company | IAR * | |
| CODE | | | CODE | NUMBER | Analyte | CAS NO | DETECTION LIMIT | RESULT | UNITS | RESULT | VALIDATION QUALIFIER |
| 43993 | 0 | | FT | BH40353AE | COBALT | 7440-48-4 | 12 | - Mari Printermerrom and | xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx | | V |
| 45693 | 0 | | FT | BH40374AE | COBALT | 7440-48-4 | 10 | | | | V |
| 45893 46193 | 0 | · | FT | BH40377AE | COBALT | 7440-48-4 | 10 | | | | V |
| 40793 | 0 | | FT FT | BH40385AE BH40413AE | COBALT | 7440-48-4 7440-48-4 | i 10 | | | | V V |
| 41593 | 0 | | FT | BH40417AE | COBALT | 7440-48-4 | 10 | | | | V |
| 41593 | 2 | | FT | BH40418AE | | 7440-48-4 | 10 | | | | V |
| 41593 | 4 | | FT | BH40419AE | COBALT | 7440-48-4 | 10 | | | | V |
| 42193 | 0 | | | BH40425AE | COBALT | 7440-48-4 | 10 | | | | V |
| 42193 42193 | <u>0</u> | | | BH40426AE BH40427AE | | 7440-48-4 7440-48-4 | 10 | | | | V V |
| 42493 | | | | BH40438AE | · | 7440-48-4 | 10 | | mg/kg | | V |
| 42493 | 0 | | | BH40439AE | | 7440-48-4 | 10 | | | | V |
| 42493 | 0 | | | BH40440AE | | 7440-48-4 | 10 | | | | V |
| 42493 | 4 | | ···· | BH40441AE | | 7440-48-4 | 10 | | | | V |
| 42593 42593 | 0 | | | BH40446AE BH40447AE | · | 7440-48-4 | 10 | | | | V · |
| 42593 | 0 | | ~~~~~ | BH40448AE | COBALT | 7440-48-4 | 10 | | | | V |
| 42593 | 4 | | | BH40449AE | · } | 7440-48-4 | 10 | | | | V |
| 42093 | 0 | | FT | BH40483AE | COBALT | 7440-48-4 | 11 | 3.2 | | В | V |
| 43393 | 0 | | | BH40510AE | COBALT | 7440-48-4 | 10 | | | | V |
| 43393 43393 | 0 | | | BH40511AE BH40512AE | COBALT | 7440-48-4 7440-48-4 | 10 | | mg/kg mg/kg | | V |
| 43393 | 5 | | | BH40517AE | COBALT | 7440-48-4 | 10 | | | | V |
| 43693 | 0 | | | BH40518AE | | 7440-48-4 | 10 | | mg/kg | | v · |
| 43693 | 0 | | ~ | BH40519AE | COBALT | 7440-48-4 | 10 | 2.9 | mg/kg | В | V |
| 43693 | 0 | | | BH40520AE | | 7440-48-4 | . 10 | | | | V |
| 45793 46593 | 0 1 | | | BH40557AE BH40700AE | | 7440-48-4 | 10 | | | | <u>v</u> |
| 46593 | 3 | | | BH40700AE | | 7440-48-4 7440-48-4 | 10 10 | | | | J J |
| 46593 | 5 | | | BH40703AE | | 7440-48-4 | 10 | | | | <u>у</u> V |
| 46593 | 5 | 9 F | | BH40705AE | } | 7440-48-4 | 10 | | | | i |
| 46693 | 0 | 2 F | | BH40715AE | | 7440-48-4 | 10 | 15.4 | mg/kg | | J |
| 46693 46693 | 5 | 4 F | | BH40717AE | | 7440-48-4 | 10 | | mg/kg | | J |
| 46793 | 0 | 7 F | | BH40718AE BH40729AE | | 7440-48-4 7440-48-4 | 10 10 | | mg/kg mg/kg | | <u>^</u> |
| 46793 | 2 | 4 F | | BH40731AE | | 7440-48-4 | 10 | | | В | .J |
| 46793 | 4 | 6 F | -T | BH40732AE | | 7440-48-4 | 10 | | | | <u>J</u> |
| 46893 | 0 | 2 F | | BH40743AE | | 7440-48-4 | 10 | 8.5 | mg/kg | | V |
| 46893 46993 | 2 | 5 F | | BH40745AE | | 7440-48-4 | 10 | | | | V |
| 46993 | 1 3 | 3 F 5 F | | BH40757AE BH40759AE | | 7440-48-4 7440-48-4 | 10: 10 | | | | V V |
| 47093 | 1 | 3 F | | BH40771AE | | 7440-48-4 | 50 | | | | <u>v</u> V |
| 47093 | 3 | 5 F | | BH40773AE | | 7440-48-4 | 50 | | | | j |
| 47093 | 5 | 7 F | | BH40774AE | | 7440-48-4 | 50 | | mg/kg | | V |
| P207589 P207589 | 0 3 | 3 F | | SEP0389BR0003 | | 7440-48-4 | 11.7 | 11.7 | | <u>ų į</u> | |
| P208889 | 0 | 4 F | | SEP0389BR0309 SEP1689BR0004 | | 7440-48-4 7440-48-4 | 10 10.9 | 10.0 | | J . | Α |
| P208889 | 4 | | | SEP1689BR0410 | | 7440-48-4 | 10.5 | | mg/kg | | A |
| P208989 | 3 | 9 F | T | SEP1789BR0309 | | 7440-48-4 | 10 | | mg/kg | | A |
| P209089 | 0 | 3 F | | SEP1889BR0003 | | 7440-48-4 | 11.1 | | | U | |
| P209089 P209189 | 4 | 9 F 3 F | | SEP1889BR0309 | | 7440-48-4 | 10 | | | | A |
| P209189 | 3 | 10 F | | SEP1989BR0003 SEP1989BR0309 | | 7440-48-4 7440-48-4 | 11.1 | | | U | ., |
| P209489 | 0 | 3 F | | SEP2289BR0003 | | 7440-48-4 7440-48-4 | 10 11.1 | | | U [| V |
| P209489 | 3 | 7 F | | SEP2289BR0307 | | 7440-48-4 | 10 | | | | A |
| P209589 | 0 | 4 F | | SEP2389BR0004 | | 7440-48-4 | 10 | 7.4 | mg/kg | J , | A |
| P209589 | 4 | 10 F | | SEP2389BR0410 | | 7440-48-4 | 10 | 4.3 | | | A |
| P209889 | 0 4 | 4 F | | SEP2689BR0004 SEP2689BR0410 | | 7440-48-4 7440-48-4 | 10 | | | | Α |
| P210189 | 0 | 3 F | | SEP3089BR0003 | | 7440-48-4 7440-48-4 | 10 12.5 | | | J I | Α |
| P210189 | 3 | 9 F | | SEP3089BR0309 | | 7440-48-4 | 10 | | | | V |
| P210289 | 0 | 3 F | T | SEP3189BR0003 | COBALT | 7440-48-4 | 12.5 | | ng/kg | | |
| P210289 | 3 | 5 F | | SEP3189BR0306 | | 7440-48-4 | 10 | | ng/kg | | A |
| 42493 46593 | 5 7 | 11 7 18 | | | | 7440-48-4 7440-48-4 | 10 | | | | V |
| 46993 | 10 | 16 1 | | | | 7440-48-4 7440-48-4 | 10 | | | | V V |
| | | | -i | | | | 10 | الا.ن | ngrky li | i ' | v i |



| | T | able A.6 S | Solar E | vaporation Ponds | AOC - Analytical R | esults for Sul | bsurface Soils | Less Tha | n 6 Fee | t - Metals | |
|----------------|----------|------------------------------|--------------|------------------------|---|------------------------|----------------|------------------|----------------|--|----------------|
| 1.00 | and A | *4 X *2 | 18 a. | 24 1 2 5 5 | 1 4 4 4 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | DETECTION | 8-8-1.2 7-2.2 | | LAB | * * * |
| LOCATION | | DEPTH | UNIT | SAMPLE | Be a strict on the | | DETECTION | | 7.51 | RESULT | VALIDATION |
| 05093 | START | Millians March Comme was the | FT | NUMBER BH00061AE | Analyte | CAS NO 7440-50-8 | LIMIT 10 | | | - West and the Control of the Contro | QUALIFIER V |
| 05193 | 0 | | | BH00066AE | ICOPPER | 7440-50-8 | . 10 | | mg/kg mg/kg | | V |
| 05393 | C | | | | COPPER | 7440-50-8 | 10 | | mg/kg | | j |
| 48195 | 0 | | | BH00101PE | | 7440-50-8 | | 14.6 | mg/kg | | Z |
| 48195 | 2 | | | BH00102PE | COPPER | 7440-50-8 | | 12.2 | mg/kg | | Z |
| 48195 48295 | 4 | | | BH00103PE | COPPER | 7440-50-8 | <u> </u> | | mg/kg | | Z |
| 48295 | 2 | | | BH00104PE BH00105PE | COPPER | 7440-50-8 7440-50-8 | | | mg/kg mg/kg | | <u>Z</u> |
| 48295 | 4 | | FT | BH00106PE | COPPER | 7440-50-8 | | | mg/kg | | Z |
| 48395 | 0 | | | BH00107PE | COPPER | 7440-50-8 | | | mg/kg | | Ž |
| 48395 | 2 | | | BH00108PE | COPPER | 7440-50-8 | | 20.1 | mg/kg | | Z |
| 48395 | 4 | | | BH00109PE | COPPER | 7440-50-8 | | | mg/kg | | Z |
| 44593 40893 | 0 | | | BH40001AE | COPPER | 7440-50-8 | 5.7 | | mg/kg | | <u>v</u> |
| 44393 | 0 | | | BH40030AE BH40033AE | COPPER COPPER | 7440-50-8 7440-50-8 | 5.5 5 | 9.5 | mg/kg mg/kg | | <u>v</u> |
| 41193 | 0 | | | BH40049AE | COPPER | 7440-50-8 | 6 | | | | <u>v</u> V |
| 41993 | 0 | | | BH40062AE | COPPER | 7440-50-8 | 6 | | mg/kg | | v |
| 43893 | 0 | | | BH40070AE | COPPER | 7440-50-8 | 6 | 7.6 | mg/kg | | V |
| 40293 | 0 | | | BH40118AE | COPPER | 7440-50-8 | 6 | 15.7 | mg/kg | · | ٧ |
| 40393 | 0 | | | BH40123AE | COPPER | 7440-50-8 | 6 | | mg/kg | <u> </u> | V |
| 40793 | 1 0 | | | BH40141AE BH40157AE | COPPER COPPER | 7440-50-8 7440-50-8 | 6 10 | | mg/kg mg/kg | | V |
| 40093 | 0 | | | BH40167AE | COPPER | 7440-50-8 | 6 | 3.9 14.7 | mg/kg mg/kg | В | Λ <u>1</u> |
| 44893 | ő | | | BH40188AE | COPPER | 7440-50-8 | 6 | 16.4 | mg/kg | | <u>v</u> |
| 41293 | Ō | | FT | BH40196AE | COPPER | 7440-50-8 | 10 | | | В | J |
| 40993 | 0 | <u> </u> | ` | | COPPER | 7440-50-8 | 10 | 6.6 | mg/kg | | J |
| 41693 41793 | 0 | <u> </u> | | | COPPER | 7440-50-8 | 6 | 25.7 | mg/kg | | V |
| 42293 | 1 | | | BH40243AE BH40253AE | COPPER COPPER | 7440-50-8 7440-50-8 | 5 10 | | | | V V |
| 42393 | 0 | | | BH40261AE | | 7440-50-8 | 5 | | mg/kg mg/kg | | V |
| 43193 | 0 | | | BH40306AE | | 7440-50-8 | 6 | | mg/kg | | v |
| 43493 | Ō | | FT | BH40319AE | | 7440-50-8 | 10 | | mg/kg | | V |
| 43493 | 5 | | | | | 7440-50-8 | 10 | | mg/kg | | V |
| 43793 44093 | 0 | | | | | 7440-50-8 | 10 | | mg/kg | | J |
| 43993 | 0 | | | | | 7440-50-8 7440-50-8 | 6 | | mg/kg mg/kg | | V V |
| 45693 | <u>ŏ</u> | | | | | 7440-50-8 | 10 | 21.9 | mg/kg | | V |
| 45893 | 0 | | | | | 7440-50-8 | 10 | | mg/kg | | v |
| 46193 | 0 | | | | | 7440-50-8 | 10 | 18.1 | mg/kg | ĺ | V |
| 40793 | 0 | | | | | 7440-50-8 | 10 | 7.9 | mg/kg | | J |
| 41593 41593 | 0 2 | | | | | 7440-50-8 7440-50-8 | 10 10 | | mg/kg | | V |
| 41593 | 4 | | | | | 7440-50-8 | 10 | | mg/kg mg/kg | | V V |
| 42193 | ō | | | | w | 7440-50-8 | 10 | 19.1 | mg/kg | | <u>v</u> |
| 42193 | 0 | 4 | | BH40426AE | COPPER | 7440-50-8 | 10 | | | | V |
| 42193 | 0 | | | | | 7440-50-8 | 10 | | | | V |
| 42493 42493 | 0 | | | | | 7440-50-8 | 10 | | mg/kg | | V |
| 42493 | 0 | | | | | 7440-50-8 7440-50-8 | 10 10 | | mg/kg mg/kg | | V V |
| 42493 | 4 | | | | | 7440-50-8 | 10 | | mg/kg mg/kg | | <u>v</u> |
| 42593 | 0 | 2 | | | | 7440-50-8 | 10 | | mg/kg | | Ž |
| 42593 | 0 | | | BH40447AE | COPPER | 7440-50-8 | 10 | 5.2 | mg/kg | В | V |
| 42593 | 0 | | | | | 7440-50-8 | 10 | | mg/kg | | V |
| 42593 42093 | 4 0 | 8 I 5 I | | | | 7440-50-8 7440-50-8 | 10 | | | | / |
| 43393 | 0 | | | | | 7440-50-8 7440-50-8 | 5 10 | | mg/kg mg/kg | - ! | <u>/</u> |
| 43393 | 0 | | | | | 7440-50-8 | 10 | | ng/kg mg/kg | • | |
| 43393 | . 0 | 5 F | -T | BH40512AE | | 7440-50-8 | 10 | 5.8 | mg/kg | - | |
| 43393 | 5 | | | | | 7440-50-8 | 10 | 12.1 | mg/kg | • /\ | / |
| 43693 | 0 | 2 F | | | | 7440-50-8 | 10 | | mg/kg | · · | |
| 43693 43693 | 0 | 4 F | | | | 7440-50-8 | 10 | | mg/kg | | |
| 45793 | 0 | 4 F | | | | 7440-50-8 7440-50-8 | 10 10 | | mg/kg mg/kg | B \ | |
| 46593 | 1 | 3 F | | | | 7440-50-8 | 5 | 10.1 | | - \\ | |
| 46593 | 3 | 5 F | -T | | | 7440-50-8 | 5 | 3.3!1 | | В | |
| 46593 | 5 | 7 F | | | | 7440-50-8 | 5 | 15 r | ng/kg | | / |
| 46593 | 5 | 9 F | -T [8 | BH40705AE | COPPER | 7440-50-8 | 5 | 6.1 r | ng/kg | 11 | / |

| | Τ. | · | Solar E | | AOC - Analytical Re | sults for Sul | surface Soils | Less Th | an 6 Feet | - Metals | |
|--------------------|----------------|-------|--------------|--------------------------------|---------------------|------------------------|--------------------|-------------|----------------|----------------------------|-------------------------|
| LOCATION | DEPTH START | DEPTH | UNIT CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION LIMIT | DECI IT | | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| 46693 | 0 | | FT | BH40715AE | COPPER | 7440-50-8 | 5 | | mg/kg | QUACIFIER | V |
| 46693 | 2 | | | BH40717AE | COPPER | 7440-50-8 | 5 | | mg/kg | В | V |
| 46693 | 5 | | FT | BH40718AE | | 7440-50-8 | 5 | | mg/kg | | V |
| 46793 46793 | 0 | | FT | BH40729AE BH40731AE | COPPER COPPER | 7440-50-8 7440-50-8 | ! 5 5 | | mg/kg | <u> </u> | V |
| 46793 | 4 | | | BH40732AE | COPPER | 7440-50-8 | 5 | | mg/kg mg/kg | | J J |
| 46893 | 0 | | | BH40743AE | COPPER | 7440-50-8 | 5 | | img/kg | | V |
| 46893 | 2 | | | BH40745AE | COPPER | 7440-50-8 | 5 | 11.7 | mg/kg | | V |
| 46993 | 1 | | | BH40757AE | COPPER | 7440-50-8 | 5 | | mg/kg | | J |
| 46993 47093 | 3 | | | BH40759AE BH40771AE | COPPER COPPER | 7440-50-8 7440-50-8 | 5 25 | | mg/kg | | N N |
| 47093 | 3 | | | BH40773AE | | 7440-50-8 | 25 | | mg/kg mg/kg | | J |
| 47093 | 5 | | | BH40774AE | | 7440-50-8 | 25 | | mg/kg | | V |
| P207589 | 0 | | | SEP0389BR0003 | | 7440-50-8 | 5.9 | 12.9 | mg/kg | | |
| P207589 | 3 | | | SEP0389BR0309 | | 7440-50-8 | 5 | | mg/kg | | A |
| P208889 P208889 | 0 4 | | | SEP1689BR0004 | | 7440-50-8 | 5.5 | 12.6 | mg/kg | | |
| P208989 | 3 | | | SEP1689BR0410 SEP1789BR0309 | | 7440-50-8 7440-50-8 | 5 5 | | mg/kg mg/kg | · | V |
| P209089 | 0 | | | SEP1889BR0003 | | 7440-50-8 | 5.5 | | mg/kg | | V |
| P209089 | 4 | | ~ | SEP1889BR0309 | | 7440-50-8 | 5.5 | | mg/kg | | A |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-50-8 | 5.6 | 10.2 | mg/kg | | |
| P209189 | 3 | | | SEP1989BR0309 | | 7440-50-8 | 5 | 5.7 | mg/kg | | V |
| P209489 P209489 | 3 | | | SEP2289BR0003 SEP2289BR0307 | | 7440-50-8 7440-50-8 | 5.5 | | | U | |
| P209589 | 0 | | | SEP2289BR0307 | | 7440-50-8 | . 5 5 | 4.5 | mg/kg mg/kg | | A . |
| P209589 | 4 | | | SEP2389BR0410 | | 7440-50-8 | 5 | | mg/kg | | A |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-50-8 | 5 | | mg/kg | | A |
| P209889 | 4 | | | SEP2689BR0410 | | 7440-50-8 | 5 | 17.5 | mg/kg | | V |
| P210189 | 0 | | | SEP3089BR0003 | | 7440-50-8 | 6.2 | | mg/kg | | |
| P210189 P210289 | 3 0 | | | SEP3089BR0309 SEP3189BR0003 | | 7440-50-8 | 5 | | mg/kg | | <u>v</u> |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-50-8 7440-50-8 | 6.3 5 | | mg/kg mg/kg | | A |
| 42493 | 5 | | | | | 7440-50-8 | 10 | | mg/kg | | ⊽ |
| 46593 | 7 | 8 | IN | SS40140AE | | 7440-50-8 | 5 | | mg/kg | | J |
| 46993 | 10 | 16 | | | | 7440-50-8 | 5 | | mg/kg | | J |
| 05093 05193 | 0 0 | | | | | 57-12-5 | 0.56 | | | | V |
| 05393 | 0 | | | | | 57-12-5 57-12-5 | 0.61 | | <u> </u> | | V |
| 48195 | 0 | | | | | 57-12-5 | 0.33 | 0.54 | mg/kg | | Z |
| 48195 | 2 | 4 | | | · | 57-12-5 | 0.17 | | mg/kg | | Z |
| 48195 | . 4 | | | | | 57-12-5 | 0.17 | 0.17 | mg/kg | บ | Z |
| 48295 | 0 | | | | | 57-12-5 | 0.17 | | | | Z |
| 48295 48295 | 2 4 | | | | | 57-12-5 57-12-5 | 0.17 0.17 | | | U j | <u>Z</u> |
| 48395 | 0 | | | | | 57-12-5 | 0.17 | | | U I | Z |
| 48395 | 2 | 4 | FT | BH00108PE | CYANIDE | 57-12-5 | 0.17 | 0.17 | mg/kg ! | | Z |
| 48395 | 4 | | | | | 57-12-5 | 0.17 | 0.17 | mg/kg | U | Z |
| 44393 | 0 | 5 | | | | 57-12-5 | 0.5 | 0.535 | | | V |
| 41193 41993 | 0 | 6 | | | | 57-12-5 57-12-5 | 0.5 0.5 | 0.562 | | | V |
| 43893 | 0 | 6 | | | | 57-12-5 57-12-5 | 0.5 | | | | V V |
| 40293 | 0 | | | | | 57-12-5 | 0.5 | | | | <u>v</u> |
| 40393 | 0 | 5 | FT | BH40123AE | CYANIDE | 57-12-5 | 0.5 | 0.605 | mg/kg | U | v |
| 42993 | 1 | 6 | | | | 57-12-5 | 0.5 | 0.559 | mg/kg (| U | V |
| 40793 40093 | 0 | 5 | | | | 57-12-5 57-12-5 | 0.5 | | | <u>U</u> | ., |
| 44893 | 0 | 5 | | | | 57-12-5 57-12-5 | 0.5 0.5 | | | | v v |
| 41293 | 0 | | | | | 57-12-5 | 0.5 | | | Ü | - |
| 40993 | 0 | 5 | FT | BH40201AE | CYANIDE | 57-12-5 | 0.5 | 0.708 | mg/kg | | V |
| 41693 | 0 | 5 | | | | 57-12-5 | 0.5 | 0.565 | mg/kg | U | |
| 41793 42293 | 0 | 5 | | | | 57-12-5 | 0.5 | 0.525 | mg/kg | | V |
| 42393 | 0 | 5 | | | | 57-12-5 57-12-5 | 0.5 | 0.16 | | | v v |
| 43193 | 0 | 5 | | | | 57-12-5 57-12-5 | 0.5 | 0.551 | ma/kg | | V V |
| 43493 | 0 | 5 | | | | 57-12-5 | 0.5 | 0.559 | | | V |
| 43493 | 5 | 10 | | BH40322AE | CYANIDE | 57-12-5 | 0.5 | 0.553 | mg/kg | U | V |
| 43793 | 0 | 5 1 | FT | BH40332AE | CYANIDE | 57-12-5 | 0.5 | 0.56 | mg/kg | Ū | |

| | T | able A.6 | Solar E | | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Thar | 6 Feet | - Metals | <u></u> |
|----------------|----------------|-------------|---------|------------------------|---------------------|------------------------|----------------|-------------------|---------|-------------|---|
| | *** * **. V | 77 37 × 178 | * * 1 | \$ 27 7 7 7 9 | | | | | 31 de 1 | - ≫. LAB × | 医多次成功 |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | mily for a second | | DETECTION | | | RESULT | |
| | | | CODE | NUMBER & | Analyte § | | | RESULT | | QUALIFIER | SCHOOL SECTIONS AND ADDRESS OF THE PROPERTY OF THE PARTY |
| 43993 | 0 | | | BH40348AE BH40353AE | CYANIDE CYANIDE | 57-12-5 57-12-5 | 0.5 | | | | V |
| 145693 | 0 | | | | CYANIDE | 57-12-5 | 0.5 | | | <u> </u> | V |
| 45893 | 0 | | | | | 57-12-5 | 0.5 | | | Ü | J |
| 46193 | 0 | | | BH40385AE | | 57-12-5 | 0.5 | | | | V |
| 40793 | 0 | 5 | | | | 57-12-5 | 0.5 | 0.626 n | ng/kg | U | |
| 41593 | 4 | | | | CYANIDE | 57-12-5 | 0.5 | | | | V |
| 42493 | 0 | | | BH40440AE | | 57-12-5 | 0.5 | | | | V . |
| 42593 | 0 | · | | BH40448AE BH40483AE | | 57-12-5 57-12-5 | 0.5 | | | | <u>V</u> |
| 43393 | 0 | | | | | 57-12-5 | 0.5 | | _~_~ | | J |
| 43693 | Ö | | | | | 57-12-5 | 0.5 | | | | V |
| 45793 | ō | | | | | 57-12-5 | 0.5 | | | | J |
| 46593 | 1 | 7 | FT | BH40786AE | CYANIDE | 57-12-5 | 0.5 | | | | V |
| 46693 | 0 | | | BH40792AE | | 57-12-5 | 0.5 | | | | V |
| 46793 | 0 | | | | | 57-12-5 | 0.5 | | | | V |
| 46893 | 0 | | | | | 57-12-5 | 0.5 | | | | V |
| 46993 47093 | 1 | | | | | 57-12-5 | 0.5 | | | | V |
| 05093 | 1 | | | | CYANIDE IRON | 57-12-5 7439-89-6 | 0.5 | | 9 | <u>U</u> | <u>v</u> v |
| 05093 | 0 | | | BH00066AE | IRON | 7439-89-6 | 20 | | | | <u>v</u> |
| 05393 | | | | BH00076AE | IRON | 7439-89-6 | 20 | | | | V |
| 48195 | ō | | | BH00101PE | IRON | 7439-89-6 | | 17900 п | ng/kg | | Z |
| 48195 | 2 | 4 | FT | BH00102PE | IRON | 7439-89-6 | | 14500 n | ng/kg | | Z |
| 48195 | 4 | | | | IRON | 7439-89-6 | | 14000 n | ng/kg | | Z |
| 48295 | 0 | | | | IRON | 7439-89-6 | | 14400 n | | | Z |
| 48295 48295 | 2 | | | | IRON | 7439-89-6 | | 7570 n | | | Z |
| 48395 | <u>4</u> 0 | | | | IRON IRON | 7439-89-6 7439-89-6 | | 7370 n 10600 n | | | Z |
| 48395 | 2 | <u> </u> | | | IRON | 7439-89-6 | | 31100 n | | | Z |
| 48395 | <u>-</u> | | | | | 7439-89-6 | | 16000 n | | | Ž |
| 44593 | 0 | 6 | FT | BH40001AE | | 7439-89-6 | 22.7 | | | | V |
| 40893 | 0 | | FT ! | BH40030AE | IRON | 7439-89-6 | 21.9 | | | | V |
| 44393 | 0 | | | BH40033AE | IRON | 7439-89-6 | 22 | | | | V |
| 41193 | 0 | | | | IRON | 7439-89-6 | 23 | | ng/kg | | V |
| 41993 | 0 | | | | IRON | 7439-89-6 | 22 | | | | V V |
| 40293 | 0 | | | | IRON IRON | 7439-89-6 7439-89-6 | 24 | · | | | V |
| 40393 | 0 | | | | | 7439-89-6 | 23 | | | | V |
| 42993 | 1 | | | | | 7439-89-6 | 23 | | | | v |
| 40793 | 0 | 5 | FT | BH40157AE | IRON | 7439-89-6 | 20 | | ~~~ | | V |
| 40093 | 0 | | | BH40167AE | | 7439-89-6 | 23 | | | | V |
| 44893 | 0 | | | | | 7439-89-6 | 23 | | | | V |
| 41293 | 0 | | | | | 7439-89-6 | 20 | 8670 m | | | <u>v</u> |
| 41693 | 0 | | | | | 7439-89-6 7439-89-6 | 20 23 | | | | <u> </u> |
| 41793 | 0 | | | | | 7439-89-6 | 23 22 | | | | J J |
| 42293 | 1 | | | | ~ | 7439-89-6 | 20 | | | | v |
| 42393 | 0 | 5 | FT | | IRON | 7439-89-6 | 22 | | | | v |
| 43193 | 0 | 5 | FT | BH40306AE | IRON | 7439-89-6 | 24 | 24100 m | ng/kg | Ε | J |
| 43493 | 0 | | | | | 7439-89-6 | 20 | | | | V |
| 43493 | 5 | | | | | 7439-89-6 | 20 | | | | V |
| 43793 44093 | 0 | | | | | 7439-89-6 | 20 | | | | V |
| 43993 | 0 | | | | | 7439-89-6 7439-89-6 | 24 23 | | ig/kg | | V J |
| 45693 | 0 | | | | | 7439-89-6 | 20 | | ng/kg | | V |
| 45893 | Ö | | | | | 7439-89-6 | 20 | | | | v |
| 46193 | 0 | 6 | FT | BH40385AE | IRON | 7439-89-6 | 20 | | | | v |
| 40793 | 0 | | | | | 7439-89-6 | 20 | 16700 m | ig/kg | | V |
| 41593 | 0 | | | | | 7439-89-6 | 20 | | | | V |
| 41593 | 2 | 4 | | | | 7439-89-6 | 20 | | | | <u>V</u> |
| 41593 42193 | 4 | | | | | 7439-89-6 | 20 | | | | V |
| 42193 | 0 | | | | | 7439-89-6 7439-89-6 | 20 20 | | | | V V |
| 42193 | 0 | | | | | 7439-89-6 | 20 | | | | V |
| 42493 | 0 | | | | | 7439-89-6 | 20 | | | | v |
| 42493 | 0 | | | | | 7439-89-6 | 20 | | | | v |

| | Ta | ble A.6 S | olar Ev | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Tha | n 6 Feet | - Metals | |
|--------------------|----------|--|---------|----------------------------------|---------------------|------------------------|---------------|----------------|----------------|-------------|-------------------|
| St. a Br. Same | 14 W | 100 | ~ 3* i | | | 24 44 48 | | | and the second | LAB | # / j . 4 . 4 . 1 |
| LOCATION | | | | SAMPLE | | | DETECTION | | | | VALIDATION |
| | START | END | | | Analyte 🖎 | CAS NO | M LIMIT | | | | QUALIFIER |
| 42493 | <u>0</u> | | | BH40440AE BH40441AE | | 7439-89-6 7439-89-6 | 20 20 | | mg/kg mg/kg | | V |
| 42593 | 0 | | | BH40446AE | IRON | 7439-89-6 | 20 | | mg/kg | 1 | V |
| 42593 | 0 | | | | | 7439-89-6 | 20 | 10600 | mg/kg | <u> </u> | V |
| 42593 | ō | | | BH40448AE | | 7439-89-6 | 20 | | mg/kg | i | v |
| 42593 | 4 | 8 1 | FT | BH40449AE | IRON | 7439-89-6 | 20 | 5420 | mg/kg | | V |
| 42093 | 0 | | | BH40483AE | IRON | 7439-89-6 | 22 | 5750 | mg/kg | | IV |
| 43393 | 0 | | | | IRON | 7439-89-6 | 20 | | mg/kg | | V |
| 43393 | 0 | | | BH40511AE BH40512AE | IRON | 7439-89-6 | 20 | | mg/kg | | V |
| 43393 43393 | 5 | | | | | 7439-89-6 7439-89-6 | 20 20 | 14900 | mg/kg mg/kg | | V |
| 43693 | 0 | | | | | 7439-89-6 | 20 | 14500 | mg/kg | | V |
| 43693 | 0 | | | BH40519AE | | 7439-89-6 | 20 | | mg/kg | | V |
| 43693 | 0 | | | | | 7439-89-6 | 20 | | mg/kg | | V |
| 45793 | 0 | 4 1 | | | IRON | 7439-89-6 | 20 | 5410 | mg/kg | 1 | V |
| 46593 | 1 | | FT | BH40700AE | | 7439-89-6 | 20 | 6030 | mg/kg | | V |
| 46593 | 3 | | | BH40702AE | | 7439-89-6 | 20 | 3960 | mg/kg | | V |
| 46593 | 5 | 7 F | | BH40703AE | | 7439-89-6 | 20 | | mg/kg | | V |
| 46593 | 5 | | | | | 7439-89-6 | 20 | | mg/kg | | ٧ |
| 46693 46693 | 0 | | | BH40715AE | | 7439-89-6 7439-89-6 | 20 | | | | V |
| 46693 | 2 5 | | | BH40717AE BH40718AE | | 7439-89-6 | 20 20 | | mg/kg mg/kg | · | V |
| 46793 | 0 | | | | ···· | 7439-89-6 | 20 | | mg/kg | | V |
| 46793 | 2 | 4 F | | | | 7439-89-6 | 20 | | mg/kg | | V |
| 46793 | 4 | | | | | 7439-89-6 | 20 | | mg/kg | | v · |
| 46893 | 0 | | | BH40743AE | | 7439-89-6 | 20 | | mg/kg | | V |
| 46893 | 2 | | -T | | | 7439-89-6 | 20 | 9630 | mg/kg | | V |
| 46993 | <u> </u> | | | | | 7439-89-6 | 20 | | mg/kg | | V |
| 46993 | 3 | | | | | 7439-89-6 | 20 | 4790 | mg/kg | | V |
| 47093 | 1 | | | BH40771AE | | 7439-89-6 | 100 | 14400 | mg/kg | | V |
| 47093 47093 | 3 | | | | | 7439-89-6 | 100 | 5630 | mg/kg | | V |
| P207589 | 01 | | | SEP0389BR0003 | | 7439-89-6 7439-89-6 | 100 23.4 | 0240 | mg/kg mg/kg | | V |
| P207589 | 3 | | ~~~~~ | SEP0389BR0309 | | 7439-89-6 | 20.4 | 8570 | mg/kg | | A |
| P208889 | 0 | 4 F | | SEP1689BR0004 | | 7439-89-6 | 21.8 | 10100 | ma/ka | | |
| P208889 | 4 | 10 F | | SEP1689BR0410 | ····· | 7439-89-6 | 20 | 6550 | mg/kg | | A |
| P208989 | 3 | 9 F | T : | SEP1789BR0309 | IRON | 7439-89-6 | 20 | 6820 | mg/kg | | V |
| P209089 | 0 | 3 F | | SEP1889BR0003 | | 7439-89-6 | 22.2 | 5550 | mg/kg | | |
| P209089 | 4 | 9 F | | SEP1889BR0309 | | 7439-89-6 | 20 | 11600 | mg/kg | | V |
| P209189 | 0 | 3 F | | SEP1989BR0003 | | 7439-89-6 | 22.2 | 13600 | mg/kg | | |
| P209189 P209489 | 3 0 | 10 F | | SEP1989BR0309 | | 7439-89-6 | 20 | 12600 | | | V |
| P209489 | 3 | 3 F | | SEP2289BR0003 SEP2289BR0307 | | 7439-89-6 7439-89-6 | 22.2 | | mg/kg | | |
| P209589 | 0 | 4 F | | SEP2389BR0004 | | 7439-89-6 | 20j 20 | 10800 | mg/kg mg/kg | | <u>A</u> A |
| P209589 | 4 | 10 F | | SEP2389BR0410 | | 7439-89-6 | 20 | | mg/kg | | <u> </u> |
| P209889 | 0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | SEP2689BR0004 | | 7439-89-6 | 20 | 10500 | mg/kg | | v |
| P209889 | 4 | 10 F | | SEP2689BR0410 | | 7439-89-6 | 20 | 9050 | mg/kg | | V |
| P210189 | 0 | 3 F | | SEP3089BR0003 | | 7439-89-6 | 25 | 18100 | | | |
| P210189 | 3 | 9 F | | SEP3089BR0309 | | 7439-89-6 | 20 | 16000 | | | V |
| P210289 P210289 | 0 | 3 F | | SEP3189BR0003 | | 7439-89-6 | 25 | 16000 | mg/kg | | |
| 42493 | 3 5 | 7 | | SEP3189BR0306 SS40083AE | | 7439-89-6 7439-89-6 | 20 20 | 15300 10700 | | | V V |
| 46593 | 7 | 8 11 | | | | 7439-89-6 7439-89-6 | 20 | 11000 | mg/kg | | V |
| 46993 | 10 | 16 11 | | | | 7439-89-6 | 20 | 10600 | ma/ka | | V |
| 05093 | 0 | , 6 F | | | | 7439-92-1 | 2 | 8.4 | | | J |
| 05193 | 0 | 5 F | T | BH00066AE | LEAD | 7439-92-1 | 2 | | | | j |
| 05393 | 0 | 5 F | | | | 7439-92-1 | 2 | 37.2 | mg/kg | SN* | J . |
| 48195 | 0 | 2 F | | | | 7439-92-1 | 0.81 | | | | Z |
| 481.95 | 2 | 4 F | | | | 7439-92-1 | 0.81 | | mg/kg | | Z |
| 48195 48295 | 4 | 6 F | | | | 7439-92-1 | 0.81 | | | N | <u>Z</u> |
| 48295 | 0 2 | 2 F | | | | 7439-92-1 7439-92-1 | 0.81 | | | | Z |
| 48295 | 4 | 6 F | | | | 7439-92-1 | 0.81 | | | | Z Z |
| 48395 | 0 | 2 F | | | | 7439-92-1 | 0.81 | | | N | Z |
| 48395 | 2 | 4 F | | | | 7439-92-1 | 0.81 | | mg/kg | | Z |
| 48395 | 4 | 5 F | Τ [| BH00109PE | LEAD | 7439-92-1 | 0.81 | | mg/kg | | Z |
| 44593 | 0 | 6 F | T | BH40001AE | LEAD | 7439-92-1 | 1.1 | | mg/kg | | V |

| | • | Ta | able A.6 S | Solar E | vaporation Ponds | AOC - Analytical R | esults for Sul | bsurface Soils | Less Tha | n 6 Feet | - Metals | |
|--------|--|-------------|-------------|---------|---------------------------------------|--------------------|------------------------|---------------------|----------|----------------|-------------|---------------|
| ĵ. | 1.2 | (Voyally ac | | 19 Mg | | | | Substantial Control | -4-55 | 17 1888 A | LAB | A 186 48 |
| L | OCATION | DEPTH | | | SAMPLE | | | DETECTION | | K. | RESULT | VALIDATION |
| - Limi | The state of the s | START | END | | | Analyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| - | 0893 | 0 | | FT | BH40030AE | LEAD | 7439-92-1 | 1.1 | | mg/kg | | V |
| | 4393 | 0 | | FT | BH40033AE | LEAD | 7439-92-1 | 1 1 | | mg/kg |]* | J |
| | 1193 | 0 | | | BH40049AE | LEAD | 7439-92-1 | 1 | | mg/kg | | J |
| | 1993 | 0 | | | BH40062AE | LEAD | 7439-92-1 | 1 | | mg/kg | N | J |
| | 3893 | 0 | | FT | | LEAD | 7439-92-1 | 1 | | mg/kg | | J |
| | 0293 | 0 | | | | LEAD LEAD | 7439-92-1 | 1 | | mg/kg | | J |
| | 2993 | 1 | | | | LEAD | 7439-92-1 7439-92-1 | . 1 | | mg/kg mg/kg | | J |
| | 0793 | Ó | | FT | | LEAD | 7439-92-1 | 2 | | | | Λ |
| | 0093 | 0 | | | | LEAD | 7439-92-1 | 1 | | | | J |
| | 4893 | 0 | | FT | | LEAD | 7439-92-1 | 1 | | | | J |
| 4 | 1293 | 0 | | FT | | LEAD | 7439-92-1 | 2 | | mg/kg | | J |
| _ | 0993 | 0 | | | BH40201AE | LEAD | 7439-92-1 | | | | | v |
| 4 | 1693 | 0 | 5 | FT | BH40217AE | LEAD | 7439-92-1 | 0.5 | | mg/kg | | V |
| | 1793 | 0 | 5 | FT | BH40243AE | LEAD | 7439-92-1 | 0.4 | | mg/kg | | V |
| | 2293 | 1 | 6 | FT | BH40253AE | LEAD | 7439-92-1 | 2 | 8 | mg/kg | N | J |
| | 2393 | 0 | 5 | FT | BH40261AE | LEAD | 7439-92-1 | 1 | 8.8 | mg/kg | N | J |
| - | 3193 | 0 | | FT | | LEAD | 7439-92-1 | 0.5 | | mg/kg | | V |
| | 3493 | 0 | | | | LEAD | 7439-92-1 | 2 | | | | J |
| | 3493 | 5 | 10 | | | LEAD | 7439-92-1 | 2 | | | | J |
| - | 3793 | 0 | | | | LEAD | 7439-92-1 | 2 | | | | V |
| | 4093 3993 | 0 | | | | LEAD | 7439-92-1 | 1 | | mg/kg | | J |
| | 5693 | 0 | | | | LEAD LEAD | 7439-92-1 7439-92-1 | 0.5 | | mg/kg | | <u>V</u> |
| | 5893 | 0 | | | BH40374AE | LEAD | 7439-92-1 | 2 | | mg/kg | | V |
| | 6193 | 0 | | | BH40385AE | LEAD | 7439-92-1 | 2 | | mg/kg mg/kg | | <u> </u> |
| | 0793 | 0 | 5 | | BH40413AE | LEAD | 7439-92-1 | 2 | | | | <u>v</u> |
| - | 1593 | 0 | | | BH40417AE | LEAD | 7439-92-1 | 2 | | | | y |
| | 1593 | 2 | | | | LEAD | 7439-92-1 | 2 | | | | J |
| _ | 1593 | 4 | | | BH40419AE | LEAD | 7439-92-1 | 2 | *** | | |] |
| 4 | 2193 | 0 | 2 | FT | BH40425AE | LEAD | 7439-92-1 | 2 | | mg/kg | | V |
| | 2193 | 0 | 4 | FT | BH40426AE | LEAD | 7439-92-1 | 2 | 11.6 | mg/kg | | V |
| | 2193 | 0 | 5 | | | LEAD | 7439-92-1 | 2 | 7.8 | mg/kg | | V |
| | 2493 | 0 | | | | LEAD | 7439-92-1 | 2 | 15.6 | mg/kg | N | J |
| | 2493 | 0 | | | | LEAD | 7439-92-1 | 2 | | | N | J |
| - | 2493 | 0) | | | | | 7439-92-1 | 2 | 3.2 | mg/kg | N | J |
| | 2493 | 4 | 8 1 | | · · · · · · · · · · · · · · · · · · · | LEAD | 7439-92-1 | . 2 | | | | J |
| | 2593 | 0 | | | | LEAD | 7439-92-1 | 2 | | | | V |
| | 2593 | 0 | 4 1 | | | LEAD | 7439-92-1 | 2 | | mg/kg | | V |
| | 2593 2593 | 0 4 | 5 1 | | | LEAD | 7439-92-1 | 2 | | mg/kg | | <u>V</u> |
| - | 2093 | 0 | 8 I 5 I | | | LEAD | 7439-92-1 | 2 | | mg/kg | | <u>v</u> |
| | 3393 | 0 | 2 1 | | | LEAD LEAD | 7439-92-1 7439-92-1 | 1 | | | | <u>J</u> |
| | 3393 | 0 | 4 1 | | ····· | LEAD | 7439-92-1 | 2 | | mg/kg mg/kg | | <u>V</u> V |
| | 3393 | 0 | 5 1 | | | | 7439-92-1 | 2 | | mg/kg mg/kg | | <u>v</u> |
| | 3393 | 5 | 8 1 | | | | 7439-92-1 | 2 | | mg/kg | | <u>v</u> |
| | 3693 | 0 | 2 1 | | | | 7439-92-1 | 2 | | | N | |
| | 3693 | 0 | 4 1 | | | LEAD | 7439-92-1 | 2 | | | N | |
| 43 | 3693 | 0 | 5 8 | | | LEAD | 7439-92-1 | 2 | | | N j | |
| | 5793 | 0 | 4 F | FT | BH40557AE | LEAD | 7439-92-1 | 2 | | mg/kg | | v |
| | 6593 | 1 | 3 1 | -T | BH40700AE | LEAD | 7439-92-1 | 0.6 | | mg/kg | | v |
| | 6593 | 3 | 5¦ F | | BH40702AE | LEAD | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6593 | 5 | 7 F | | | | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6593 | 5 | 1/9 | | | | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6693 | 0 | 2 F | | | LEAD | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6693 | 2; | 4 F | | | | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6693 | 5 | 7 F | | | | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6793 6793 | 0 | 2 F | | | | 7439-92-1 | 0.6 | | mg/kg | | V |
| | 6793 6793 | 2 | 4 F | | | | 7439-92-1 | 0.6 | | mg/kg | | <u>v</u> |
| | 6893 | 0 | 2 F | | | | 7439-92-1 7439-92-1 | 0.6 | | | | V |
| | 6893 | 2 | 5 F | | | | 7439-92-1 | 1 1 | | mg/kg mg/kg | | V |
| | 893 | 5 | 7 F | | | | 7439-92-1 | 1 | | mg/kg mg/kg | | |
| | 3993 | 1 | 3 F | | | | 7439-92-1 | 1 | | mg/kg | | <u>v</u> |
| | 5993 | 3 | 5 F | | | | 7439-92-1 | 1 | | mg/kg | | <u> </u> |
| | | | | | | | | | | | | |
| 47 | 7.093 7.093 | 1 | 3 F | -T | | LEAD | 7439-92-1 | 3 | 13.3 | mg/kg | S ! | V |

| | | Ţ. | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Th | an 6 Fee | t - Metals | |
|------|----------------------|---------------|----------|-------------|--------------------------------|--|--------------------------|--------------------|----------------------------------|------------------|--|-------------------------|
| | LOCATION | DESTU | DEDTU | * G | CAMPUE | | | DETECTION | | | LAB | |
| | CODE | | | | | Analyte | CAS NO | DETECTION LIMIT | | | RESULT | VALIDATION QUALIFIER |
| 1 | 47093 | 5.7.5 | | | BH40774AE | miller married and the same of | 7439-92-1 | 3 | toub 4 id winnermakess bis worth | mg/kg | ر المنظمة المنطقة المن | QUALIFIER |
| | P207589 | Ö | | | SEP0389BR0003 | | 17439-92-1 | 2.4 | | mg/kg | | <u> </u> |
| | P207589 | 3 | | | SEP0389BR0309 | | 7439-92-1 | 1 | | mg/kg | | Α |
| | P208889 | 0 | | | SEP1689BR0004 | | 7439-92-1 | 3.2 | | mg/kg | | |
| ٠. | P208889 : | <u>4</u> 3 | | | SEP1689BR0410 SEP1789BR0309 | | 7439-92-1 | | 20.3 | mg/kg | <u> </u> | A V |
| | P209089 | <u>3</u> | | | SEP1789BR0309 | | 7439-92-1 7439-92-1 | 1 2.3 | | mg/kg mg/kg | | <u> </u> |
| | P209089 | 4 | | | SEP1889BR0309 | | 7439-92-1 | 1 | | mg/kg | <u>'</u> | ĺV |
| ĺ | P209189 | 0 | | FT | SEP1989BR0003 | LEAD | 7439-92-1 | 4.3 | 16.9 | mg/kg | İ | |
| - 1 | P209189 | 3 | | | SEP1989BR0309 | | 7439-92-1 | 1 | | mg/kg | | Α |
| | P209489 | 0 | | | SEP2289BR0003 | | 7439-92-1 | 2.1 | | mg/kg | <u> </u> | |
| · · | P209489 P209589 | 3 | | | SEP2289BR0307 SEP2389BR0004 | | 7439-92-1 7439-92-1 | 1 | | mg/kg mg/kg | | V A |
| - | P209589 | 4 | | | SEP2389BR0410 | | 7439-92-1 | 1 | | mg/kg | | A |
| Ì | P209889 | 0 | | | SEP2689BR0004 | | 7439-92-1 | 1 | | mg/kg | | ÍV |
| - 4 | P209889 | 4 | <u></u> | | SEP2689BR0410 | | 7439-92-1 | 1 | 25.7 | mg/kg | | V |
| | P210189 | 0 | | | SEP3089BR0003 | | 7439-92-1 | 10 | | mg/kg | | |
| - 6 | P210189 P210289 | 3 0 | | | SEP3089BR0309 SEP3189BR0003 | | 7439-92-1 | 1 | | mg/kg | <u> </u> | Α |
| | P210289 P210289 | 3 | | | SEP3189BR0003 | | 7439-92-1 7439-92-1 | 5 | | mg/kg mg/kg | 1 | V |
| - | 42493 | 5 | | | | LEAD | 7439-92-1 | 2 | | | İS | V |
| į | 46593 | 7 | | | | | 7439-92-1 | 1 | | mg/kg | | J |
| - | 46993 | 10 | | | | | 7439-92-1 | 1 | | mg/kg | | V |
| - 4 | 05093 | 0 | | | | LITHIUM | 7439-93-2 | 10 | | | В | J |
| - | 05193 05393 | 0 | | | | | 7439-93-2 7439-93-2 | 10 10 | | | | <u>J</u> |
| · i- | 48195 | 0 | | | | | 7439-93-2 | | | mg/kg | В | J Z |
| | 48195 | 2 | | | | | 7439-93-2 | | | | В | Z |
| | 48195 | 4 | | FT | BH00103PE | LITHIUM | 7439-93-2 | | | mg/kg | В | Z |
| - 1- | 48295 | 0 | | | | | 7439-93-2 | | | mg/kg | | Z |
| | 48295 48295 | 2 | | | | | 7439-93-2 | | | | | Z |
| - 1- | 48395 | 0; | | | | | 7439-93-2 7439-93-2 | | | mg/kg mg/kg | | Z |
| | 48395 | 2 | | | | | 7439-93-2 | | | mg/kg | | Z |
| | 48395 | 4: | | FT | | LITHIUM | 7439-93-2 | | 11.3 | mg/kg | В | Z |
| _ | 44593 | 0 | | | | | 7439-93-2 | 22.7 | | | | V |
| - | 40893 44393 | 0 | | | | | 7439-93-2 | 21.9 | | | | V |
| | 41193 | 0 | | | | | 7439-93-2 7439-93-2 | 22 | 10.4 | | | J J |
| | 41.993 | ō | | | | | 7439-93-2 | 22 | 9.1 | | | J |
| - | 43893 | 0 | 6 | FT | | | 7439-93-2 | 24 | | | | j i |
| - | 40293 | 0 | | | | | 7439-93-2 | 24 | | | | J |
| | 40393 42993 | 0 | | | | | 7439-93-2 | 23 | | | | J |
| | 40793 40793 | 1 0 | | | | | 7439-93-2 7439-93-2 | 23) 10 | | | | J |
| | 10093 | 0 | | | | | 7439-93-2 | 23 | | | | J J |
| 1 | 14893 | 0 | 5 | FT | BH40188AE | LITHIUM | 7439-93-2 | 23 | | | | J |
| - | 11293 | 0 | | | | | 7439-93-2 | 10 | 6 | mg/kg | В | J |
| _ | 10993 11693 | 0 0 | | | | | 7439-93-2 | 10 | | | | J. |
| ٠. | 11793 | 0 | | | | | 7439-93-2 7439-93-2 | 23 22 | 23.5 | mg/kg mg/kg | | J J |
| | 2293 | 11 | | | | | 7439-93-2 | 10 | | | | J |
| | 2393 | 0 | 5 | FT | BH40261AE | LITHIUM | 7439-93-2 | 22 | 5.2 | | | J |
| | 13193 | 0 | | | | | 7439-93-2 | 24 | 33.5 | mg/kg | | J |
| | 13493 13493 | 0: 5 | | | | | 7439-93-2 | 10 | | | | J . |
| | 13793 | 0, | | | | | 7439-93-2 7439-93-2 | 10 10 | 15.6 | | | J . |
| | 14093 | 0 | | | | | 7439-93-2 | 24 | | | | J |
| | 13993 | 0 | 5 1 | FT | BH40353AE | LITHIUM | 7439-93-2 | 23 | 13.6 | mg/kg | В | J |
| | 5693 | 0, | | | | | 7439-93-2 | 10 | 11.2 | mg/kg | В | J |
| | 15893 16193 | 0 | 5 1 | | | | 7439-93-2 | 10 | | | | J |
| | 10793 | 0 | | | | | 7439-93-2 7439-93-2 | 10 10 | | mg/kg mg/kg | | J I |
| | 1593 | 0 | 2 1 | | | | 7439-93-2 | 10 | 50.8 | | | J |
| | 1593 | 2 | 4 1 | FT I | BH40418AE | LITHIUM | 7439-93-2 | 10 | | | | J |
| | 1593 | 4 | 6 1 | | | | 7439-93-2 | 10 | | | | J |
| 2 | 2193 | 0 | 2 | -1 . ! | BH40425AE | ITHIUM | 7439-93-2 <u> </u> | 10 | 27.2 | mg/kg | | J |

| | T | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Tha | n 6 Fee | t - Metals | |
|--------------------|------------|-------------|---------|--------------------------------|---|------------------------|----------------|------------------|----------------|--|---|
| | | 12 July 1 | | y | | 1 3 × × 1 | , , , | | | LAB | |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | * | and the second second | DETECTION | | | 1/50051 ** | VALIDATION |
| CODE | | | | NUMBER | Analyte | CAS NO | % LIMIT | | | QUALIFIER | restlict and record the state of the state of the |
| 42193 | 0 | | FT | BH40426AE BH40427AE | LITHIUM | 7439-93-2 | 10 | | | | J |
| 142493 | 0 | | FT | BH40438AE | LITHIUM | 7439-93-2 7439-93-2 | 10 | | mg/kg mg/kg | | J J |
| 42493 | 0 | | FT | BH40439AE | ··· | 7439-93-2 | 10 | | mg/kg | | J |
| 42493 | Ō | | FT | BH40440AE | LITHIUM | 7439-93-2 | 10 | | | | J |
| 42493 | 4 | 8 | FT | BH40441AE | LITHIUM | 7439-93-2 | 10 | | | | J |
| 42593 | 0 | | | BH40446AE | LITHIUM | 7439-93-2 | 10 | | mg/kg | | J |
| 42593 | 0 | | | | LITHIUM | 7439-93-2 | 10 | | mg/kg | | J |
| 42593 | 0 | | | BH40448AE | LITHIUM | 7439-93-2 | 10 | 9.4 | | | J |
| 42593 42093 | 4 | | | BH40449AE BH40483AE | LITHIUM | 7439-93-2 | 10 | 4.7 | mg/kg | ······································ | <u> </u> |
| 43393 | 0 | | | BH40510AE | | 7439-93-2 7439-93-2 | 22 10 | 30.0 | mg/kg mg/kg | | J J |
| 43393 | 0 | | FT | BH40511AE | LITHIUM | 7439-93-2 | 10 | 11.5 | mg/kg | | J |
| 43393 | 0 | | | · | | 7439-93-2 | 10 | 13.8 | | | J |
| 43393 | 5 | | | | | 7439-93-2 | 10 | 18.2 | mg/kg | ·; | J |
| 43693 | 0 | | | BH40518AE | LITHIUM | 7439-93-2 | 10 | 43.1 | mg/kg | | j |
| 43693 | 0 | 4 | FT | BH40519AE | LITHIUM | 7439-93-2 | 10 | 16.8 | | | J |
| 43693 | Õ | , | | | LITHIUM | 7439-93-2 | 10 | 10 | | В | J |
| 45793 | 0 | | | | LITHIUM | 7439-93-2 | 10 | 6.4 | mg/kg | | J |
| 46593 | 1 | | | | | 7439-93-2 | 20 | | | | J |
| 46593 | 3 | | | | LITHIUM | 7439-93-2 | 20 | 5.4 | | IB | J |
| 46593 46593 | 5 5 | | | BH40703AE BH40705AE | LITHIUM LITHIUM | 7439-93-2 | 20 | | | В | <u>. </u> |
| 46693 | 0 | | | | ILITHIUM | 7439-93-2 7439-93-2 | 20 20 | | mg/kg mg/kg | В | J |
| 46693 | 2 | | ··· | | LITHIUM | 7439-93-2 | 20 | | | В | <u> </u> |
| 46693 | 5 | | | | | 7439-93-2 | 20 | | | is I | .1 |
| 46793 | 0 | | | | LITHIUM | 7439-93-2 | 20 | | mg/kg | | J |
| 46793 | 2 | 4 | FT | | LITHIUM | 7439-93-2 | 20 | | | В | J |
| 46793 | 4 | | | | LITHIUM | 7439-93-2 | 20 | 7.7 | mg/kg | В | J |
| 46893 | <u>0</u> 1 | | | | | 7439-93-2 | 20 | | | В | J |
| 46893 | 2 | | | | | 7439-93-2 | 20 | | | В | J |
| 46893 46993 | 5 | | | | | 7439-93-2 | 20 | 5.5 | | В | J |
| 46993 | 1 | | | | | 7439-93-2 7439-93-2 | 20 | 25.6 | mg/kg | | J |
| 47093 | 1 | | | | | 7439-93-2 | ,20 100 | | | | J J |
| 47093 | 3 | | | | | 7439-93-2 | 100 | | | · | J |
| 47093 | 5 | | | · | LITHIUM | 7439-93-2 | 100 | | | · | J |
| P207589 | 0 | | | SEP0389BR0003 | | 7439-93-2 | 2.3 | | mg/kg | | <u> </u> |
| P207589 | 3 | 9 | | SEP0389BR0309 | | 7439-93-2 | 20 | | mg/kg | , | V |
| P208889 | 0 | | | SEP1689BR0004 | | 7439-93-2 | 2.2 | | mg/kg | | |
| P208889 | 4 | 10 | | SEP1689BR0410 | | 7439-93-2 | 20 | | mg/kg | | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7439-93-2 | 20 | 2.7 | mg/kg | | V . |
| P209089 P209089 | 0 | 9 | | SEP1889BR0003 | | 7439-93-2 | 2.2 | 6.5 | mg/kg | <u> </u> | |
| P209089 | 0 | | | SEP1889BR0309 SEP1989BR0003 | | 7439-93-2 7439-93-2 | 20 2.2 | | mg/kg mg/kg | | V |
| P209189 | 3 | | | SEP1989BR0309 | | 7439-93-2 | 2.2 | | mg/kg mg/kg | , | V |
| P209489 | 0 | | | SEP2289BR0003 | | 7439-93-2 | 2.2 | | ng/kg | · | - |
| P209489 | 3 | 7 | | SEP2289BR0307 | | 7439-93-2 | 20 | 3.6 | ng/kg | | v |
| P209589 | 0 | 4 | FT | SEP2389BR0004 | | 7439-93-2 | 20 | 1.9 | mg/kg | | <i>.</i> |
| P209589 | 4 | 10 | | SEP2389BR0410 | | 7439-93-2 | 20 | 4.1 | ng/kg | | V |
| P209889 | 0 | 411 | | SEP2689BR0004 | | 7439-93-2 | 20 | | ng/kg | | / |
| P209889 | 4 | 10 | | SEP2689BR0410 | | 7439-93-2 | 20 | | ng/kg | | V |
| P210189 P210189 | 3 | 3 I | | SEP3089BR0003 | | 7439-93-2 | 25 | | | U , | , |
| P210189 | 0 | 3 1 | | SEP3089BR0309 SEP3189BR0003 | | 7439-93-2 7439-93-2 | 2.5 | | | U N | / |
| P210289 | 3 | 5 1 | | SEP3189BR0306 | | 7439-93-2 7439-93-2 | 2.5 | | ng/kg ng/kg | | , |
| 42493 | 5 | 7 1 | | | | 7439-93-2 | 10 | 10 1 | | В | |
| 46593 | 7 | 8 1 | | | | 7439-93-2 | 20 | 46.6 | ng/ka | | |
| 46993 | 10 | 16 | IN | SS40144AE | | 7439-93-2 | 20 | 29.2 | ng/ka | | |
| 05093 | 0 | 6 1 | | | | 7439-95-4 | 1000 | 1690 | ng/kg | | |
| 05193 | 0 | 5 1 | | | | 7439-95-4 | 1000 | 4700 г | ng/kg | 1 | |
| 05393 | 0 | 5 1 | | | | 7439-95-4 | 1000 | 4240 r | ng/kg | | / |
| 48195 | 0 | 2 | | | | 7439-95-4 | | 2530 г | | | Z |
| 48195 | 2 | 4 1 | | | | 7439-95-4 | | 1360 r | | | Z |
| 48195 48295 | 4 | · 6 1 | | | | 7439-95-4 | | 3000 r | | | Z |
| 48295 | 2 | 4 1 | | | | 7439-95-4 7439-95-4 | | 2550 r 1240 r | ng/kg | | Z |
| | 4) | 7! [| 1 | 5.100.00FE | THE STORY | 1-05-30-4 | | 1240/ | ng/kg | | Z |

| <u>- </u> | Ta | able A.6 Solar | Evaporation Ponds | AOC - Analytic | cal Re | suits for Su | bsurface Soils | Less Tha | n 6 Feet | t - Metals | |
|--|----------|----------------|------------------------|------------------------|--|------------------------|----------------|----------|----------------|--------------|--------------|
| 1000 | 190 | A. A | 图 图 化 图 化次 | 100 | · 485. | | | | 學學學 | LAB * | |
| LOCATION | | DEPTH UNI | T SAMPLE NUMBER | Cont. | *** | | DETECTION | | | RESULT | VALIDATION |
| | START | | BH00106PE | Analyte MAGNESIUM | ************************************** | 7439-95-4 | LIMIT | | mg/kg | QUALIFIER | QUALIFIER Z |
| 48295 48395 | 0 | | | MAGNESIUM | | 7439-95-4 | | 2540 | mg/kg | | Z |
| 48395 | 2 | | BH00108PE | MAGNESIUM | | 7439-95-4 | | 5700 | mg/kg | | Z |
| 48395 | 4 | | BH00109PE | MAGNESIUM | | 7439-95-4 | | 2510 | mg/kg | | Z |
| 44593 | 0; | | BH40001AE | MAGNESIUM | | 7439-95-4 | 2267.6 | 2640 | mg/kg | | V |
| 40893 | 0) | | BH40030AE | MAGNESIUM | | 7439-95-4 | 2194.4 | | mg/kg | | V |
| 44393 | 0 | | BH40033AE | MAGNESIUM | | 7439-95-4 | 1083 | 2220 | mg/kg | | V |
| 41193 | 0 | | BH40049AE BH40062AE | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1159 | | mg/kg mg/kg | | V V |
| 43893 | 0 | | BH40070AE | MAGNESIUM | | 7439-95-4 | 1203 | | mg/kg | | V |
| 40293 | 0 | | BH40118AE | MAGNESIUM | | 7439-95-4 | 2424 | 2240 | mg/kg | | V |
| 40393 | 0 | | BH40123AE | MAGNESIUM | | 7439-95-4 | 1168 | 2340 | mg/kg | [| V |
| 42993 | 1 | 6 FT | BH40141AE | MAGNESIUM | | 7439-95-4 | 2339 | 1940 | mg/kg | <u> </u> | V |
| 40793 | 0 | | BH40157AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 40093 | 0 | | BH40167AE | MAGNESIUM | | 7439-95-4 | 1171 | | mg/kg | | V |
| 44893 41293 | 0 | | BH40188AE BH40196AE | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1155 1000 | 2/40 | mg/kg mg/kg | | V |
| 40993 | 0 | | BH40201AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 41693 | 0 | | BH40217AE | MAGNESIUM | | 7439-95-4 | 1168 | | mg/kg | | J |
| 41793 | 0 | | | MAGNESIUM | | 7439-95-4 | 1099 | | mg/kg | <u> </u> | j j |
| 42293 | 1 | 6 FT | BH40253AE | MAGNESIUM | | 7439-95-4 | 1000 | 3450 | mg/kg | | V |
| 42393 | 0 | | BH40261AE | MAGNESIUM | | 7439-95-4 | 2153 | | mg/kg | | V |
| 43193 | 0 | | BH40306AE | MAGNESIUM | | 7439-95-4 | 1183 | | mg/kg | | J |
| 43493 | 0 | | BH40319AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 43493 437,93 | 5 | | BH40322AE BH40332AE | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | <u> </u> | V |
| 44093 | 0 | | BH40348AE | MAGNESIUM | | 7439-95-4 | 1205 | | mg/kg | 1 | V |
| 43993 | ō | | | MAGNESIUM | | 7439-95-4 | 1163 | | mg/kg | | J |
| 45693 | 0 | 6 FT | BH40374AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 45893 | 0 | | BH40377AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 46193 | 0 | | BH40385AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | l | V |
| 40793 | 0 | | BH40413AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | <u>v</u> |
| 41593 | 0; 2 | | BH40417AE BH40418AE | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | V V |
| 41593 | 4 | | BH40419AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | v |
| 42193 | 0 | | BH40425AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | · |
| 42193 | 0 | | BH40426AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 42193 | 0 | | BH40427AE | MAGNESIUM | | 7439-95-4 | 1000 | 1530 | mg/kg | | V |
| 42493 | 0 | | BH40438AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 42493 | 0 | 4 FT | BH40439AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | <u>V</u> |
| 42493 42493 | 0 4 | | BH40440AE BH40441AE | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | V |
| 42593 | 0 | | BH40446AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | v |
| 42593 | 0 | | BH40447AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | <u> </u> | v |
| 42593 | 0 | 5 FT | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 42593 | 4 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 42093 | 0 | | | MAGNESIUM | | 7439-95-4 | 1078 | | | | V |
| 43393 | 0 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | <u>V</u> |
| 43393 43393 | 0 | | BH40511AE BH40512AE | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 43393 | 0 5 | | | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | V |
| 43693 | 0 | | | MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg | | V |
| 43693 | 0 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | v |
| 43693 | 0 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 45793 | 0 | 4 FT | | MAGNESIUM | | 7439-95-4 | 1000 | 2660 | mg/kg | | V |
| 46593 | 1 | 3/FT | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 46593 | 3 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 46593 46593 | 5! 5; | | | MAGNESIUM MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | V |
| 46693 | 0 | | BH40715AE | MAGNESIUM | | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | V |
| 46693 | 2 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | v |
| 46693 | 5 | 7 FT | | MAGNESIUM | | 7439-95-4 | 1000 | 1660 | mg/kg | | v |
| 46793 | 0 | 2 FT | | MAGNESIUM | | 7439-95-4 | 1000 | 3000 | mg/kg | | V |
| 46793 | 2 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 467.93 | 4 | 6 FT | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | V |
| 46893 | 0 | | | MAGNESIUM | | 7439-95-4 | 1000 | | mg/kg | | <u> </u> |
| 46893 | 2 | 5 FT | BH40745AE | MAGNESIUM | | 7439-95-4 | 1000 | 3410 | mg/kg | | V |

| • | Ţ | able A.6 S | Solar E | vaporation Ponds | AOC - Analytical Re | esults for Su | bsurface Soils | Less Tha | | | |
|-------------------------|---------------|--------------|----------|--------------------------------|------------------------|-------------------------|----------------|---|----------------|------------------|---------------|
| LOCATION | DEPTH | DEPTH | ÚNÍT | SAMPLE | | | DETECTION | 5 · · · · · · · · · · · · · · · · · · · | 3. × | ≪ LAB ®RESULT | VALIDATION |
| CODE | START | END | CODE | NUMBER | Analyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 46993 46993 | 3 | <u> </u> | | BH40757AE BH40759AE | MAGNESIUM MAGNESIUM | 7439-95-4 7439-95-4 | 1000 | | mg/kg mg/kg | | V |
| 47093 | 1 | | | BH40771AE | MAGNESIUM | 7439-95-4 | 5000 | | mg/kg | | V |
| 47093 | 3 | 5 | | BH40773AE | MAGNESIUM | 7439-95-4 | 5000 | 2150 | mg/kg | | V |
| 47093 | 5 | | | | MAGNESIUM | 7439-95-4 | 5000 | | mg/kg | | V |
| P207589 P207589 | 0 | | FT FT | SEP0389BR0003 SEP0389BR0309 | | 7439-95-4 | 1170 | | mg/kg | | V |
| P207589 P208889 | 3 | | - | SEP1689BR0004 | | 7439-95-4 7439-95-4 | 2000 | | mg/kg mg/kg | | V |
| P208889 | 4 | | | SEP1689BR0410 | | 7439-95-4 | 2000 | | mg/kg | | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7439-95-4 | 2000 | 2450 | mg/kg | | V |
| P209089 P209089 | 0 | | FT FT | SEP1889BR0003 SEP1889BR0309 | | 7439-95-4 | 1110 | | mg/kg | | ., |
| P209089 | 0 | | | SEP1989BR0003 | | 7439-95-4 17439-95-4 | 2000 1110 | | mg/kg mg/kg | | V |
| P209189 | 3 | | | SEP1989BR0309 | | 7439-95-4 | 2000 | | mg/kg | | V |
| P209489 | 0 | | FT | SEP2289BR0003 | } | 7439-95-4 | 1110 | 1530 | mg/kg | | |
| P209489 | 3 | | FT | SEP2289BR0307 | | 7439-95-4 | 2000 | | mg/kg | | A |
| P209589 P209589 | 0 | ~ | | SEP2389BR0004 SEP2389BR0410 | | 7439-95-4 7439-95-4 | 2000 2000 | | mg/kg mg/kg | | <u>v</u> |
| P209889 | 0 | | | SEP2689BR0004 | | 7439-95-4 | 2000 | | mg/kg mg/kg | | <u>V</u> V |
| P209889 | 4 | | | SEP2689BR0410 | | 7439-95-4 | 2000 | | mg/kg | | V |
| P210189 | 0 | | | SEP3089BR0003 | | 7439-95-4 | 1250 | | mg/kg | | |
| P210189 | 3 | | | SEP3089BR0309 | | 7439-95-4 | 2000 | | mg/kg | | V |
| P210289 P210289 | 0 | | | SEP3189BR0003 SEP3189BR0306 | | 7439-95-4 7439-95-4 | 1250 2000 | | mg/kg mg/kg | | V |
| 42493 | 5 | | | | | 7439-95-4 | 1000 | | mg/kg | | V |
| 46593 | 7 | 8 | IN | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| 46993 | 10 | | | | | 7439-95-4 | 1000 | | mg/kg | | V |
| 05093 05193 | 0 | | | BH00061AE BH00066AE | | 7439-96-5 | 10 | | | | <u>V</u> |
| 05193 | Ö | | | BH00076AE | | 7439-96-5 7439-96-5 | 10 | | mg/kg mg/kg | | <u>v</u> J |
| 48195 | Ö | | | | | 7439-96-5 | | | | N | Z Z |
| 48195 | 2 | | | | | 7439-96-5 | | 167 | | N | Z |
| 48195 | 4 | | | | *** | 7439-96-5 | | | | N | Z . |
| 48295 48295 | 0 | | | | | 7439-96-5 7439-96-5 | | | | N I | Z Z |
| 48295 | 4 | | | | | 7439-96-5 | | | | | Z |
| 48395 | 0 | | | | | 7439-96-5 | | 142 | mg/kg | N | Z |
| 48395 | 2 | | | BH00108PE | | 7439-96-5 | | 792 | mg/kg | | Z |
| 48 <u>3</u> 95 44593 | <u>4</u> 0 | | | | | 7439-96-5 7439-96-5 | 3.4 | 772 | mg/kg mg/kg | • | <u>Z</u> |
| 40893 | 0 | , | | | MANGANESE | 7439-96-5 | 3.4 3.3 | 358 | mg/kg | | <u>J</u> |
| 44393 | Ö | | FT | BH40033AE | | 7439-96-5 | 3 | | | | J |
| 41.193 | 0 | , | | | | 7439-96-5 | 3 | | | EN* | J |
| 41993 43893 | 0 | | | BH40062AE | | 7439-96-5 | 3 4 | 149 | mg/kg | | J |
| 40293 | - 0 | | | | | 7439-96-5 7439-96-5 | · 4 | | mg/kg mg/kg | | J J |
| 40393 | <u>ō</u> | | | | | 7439-96-5 | 4 | | | | <u> </u> |
| 42993 | 1 | | | | | 7439-96-5 | 4 | 153 | mg/kg | | J |
| 40793 | 0 | | | | | 7439-96-5 | 10 | | mg/kg | | <u>V</u> |
| 40093 44893 | 0 | | | | | 7439-96-5 7439-96-5 | 4 3 | | mg/kg mg/kg | | <u>J</u> |
| 41293 | 0 | | | | | 7439-96-5 | 10 | | mg/kg | | J V |
| 40993 | 0 | | | | MANGANESE | 7439-96-5 | 10 | | mg/kg | | v · |
| 41693 | 0 | | | | | 7439-96-5 | 4 | 144 | | | J |
| 41793 | 0 | | | | | 7439-96-5 | 3 | | | | J |
| 42293 42393 | 1 | | | | | 7439-96-5 7439-96-5 | 10 3 | | mg/kg mg/kg | | <u>V</u> J |
| 43193 | ő | | | | | 7439-96-5 | 4 | | | | J |
| 43493 | 0 | 5 | FT | BH40319AE | MANGANESE | 7439-96-5 | 10 | 160 | mg/kg | | V |
| 43493 | 5 | | | BH40322AE | | 7439-96-5 | 10 | | mg/kg | | V |
| 43793 44093 | 0 | | | | | 7439-96-5 | 10 | | mg/kg | | <u>V</u> |
| 43993 | 0 | | | | | 7439-96-5 7439-96-5 | 3 | | | | <u>J</u> |
| 45693 | 0 | | | | | 7439-96-5 | 10 | | mg/kg | | V |
| 45893 | 0 | 5 | FT | BH40377AE | MANGANESE | 7439-96-5 | 10 | 186 | mg/kg | ľ | V |
| 46193 | 0 | | | | MANGANESE | 7439-96-5 | 10 | | | | J |
| 40793 | 0 | 5 1 | FT | BH40413AE | MANGANESE | 7439-96-5 | 10 | 291 | mg/kg | [| V |

| | Ta | ble A.6 S | Solar Ev | | AOC - Analytical Re | | bsurface Soils | Less Than 6 Fee | | |
|--------------------|---|-----------|----------|--|------------------------|------------------------|-------------------|---------------------------|--|----------------------|
| 7 × 34 · 68 | 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Ž., ,,, | * 1990 × | . 77. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18 | 中華 称 養 元 美 | F 4.15 8 | restantion (the c | | . ⊾LAB | A . A . A . |
| | | | | SAMPLE | | | DETECTION | DECLUTE LINES | RESULT | VALIDATION QUALIFIER |
| CODE 41593 | SIARI 0 | END | | | Analyte MANGANESE | CAS NO 7439-96-5 | LIMIT 10 | RESULT UNITS 150 mg/kg | 4 | V |
| 41593 | 2 | | | | | 7439-96-5 | 10 | | | v |
| 41593 | 4 | | | | | 7439-96-5 | 10 | | | V |
| 42193 | 0 | | | | | 7439-96-5 | 10 | 120 mg/kg | | V |
| 42193 | 0 | 4 | FT | BH40426AE | MANGANESE | 7439-96-5 | 10 | | | V |
| 42193 | 0 | | | | ` | 7439-96-5 | 10 | <u> </u> | <u> </u> | V |
| 42493 | 0 | | | BH40438AE | | 7439-96-5 | 10 | | IN* | J |
| 42493 | 0 | | | BH40439AE | | 7439-96-5 | 10 | | | J |
| 42493 42493 | 0 | | | BH40440AE BH40441AE | | 7439-96-5 7439-96-5 | 10 | | N" | J |
| 42593 | 0 | | | BH40446AE | | 7439-96-5 | 10 | | | IV |
| 42593 | 0 | | | BH40447AE | | 7439-96-5 | 10 | | | v |
| 42593 | 0 | | | BH40448AE | | 7439-96-5 | 10 | | <u> </u> | V |
| 42593 | 4 | | | BH40449AE | | 7439-96-5 | 10 | | 1 | V |
| 42093 | 0 | 5 | FT | BH40483AE | MANGANESE | 7439-96-5 | 3 | 79 mg/kg | * | J |
| 43393 | 0 | | | BH40510AE | | 7439-96-5 | 10 | | | V |
| 43393 | 0 | | | | | 7439-96-5 | 10 | | <u> </u> | V |
| 43393 | 0 | | | | | 7439-96-5 | 10 | | 1 | V |
| 43393 | 5 | | | | MANGANESE | 7439-96-5 | 10 | | [NI* | V |
| 43693 | 0 | | | | MANGANESE | 7439-96-5 7439-96-5 | 10 | | IN* | J J |
| 43693 43693 | 0 | | | | MANGANESE MANGANESE | 7439-96-5 | 10 | | N° | IJ |
| 45793 | 0 | | | BH40557AE | MANGANESE | 7439-96-5 | 10 | | '` | V |
| 46593 | 1 | | | BH40700AE | | 7439-96-5 | 3 | | 1- | v |
| 46593 | 3 | | | BH40702AE | | 7439-96-5 | 3 | | | V |
| 46593 | 5 | 7 | | | | 7439-96-5 | 3 | 164 mg/kg | 1* | V |
| 46593 | 5 | | | BH40705AE | MANGANESE | 7439-96-5 | 3 | 86.6 mg/kg | • | V |
| 46693 | 0 | | | | | 7439-96-5 | 3 | | • | V |
| 46693 | 2 | | | | | 7439-96-5 | 3 | | • | V |
| 46693 | 5 | | | | | 7439-96-5 | 3 | | | <u>v</u> |
| 46793 | 0 | | | | MANGANESE | 7439-96-5 | 3 | | N* | J |
| 46793 46793 | 2 4 | | | | MANGANESE MANGANESE | 7439-96-5 7439-96-5 | 3 | | | J |
| 46893 | 0 | | | | · | 7439-96-5 | 3 | | 111 | J |
| 46893 | 2 | | | | | 7439-96-5 | 3 | | | J |
| 46993 | 1 | | | | | 7439-96-5 | 3 | | <u> </u> | J |
| 46993 | 3 | | FT | BH40759AE | MANGANESE | 7439-96-5 | 3 | 121 mg/kg | | J |
| 47093 | 1 | | | | | 7439-96-5 | 15 | | | ν , |
| 47093 | 3 | | | | MANGANESE | 7439-96-5 | 15 | | | V |
| 47093 | 5 | | | | MANGANESE | 7439-96-5 | 15 | | | V |
| P207589 | 0 | | | SEP0389BR0003 | | 7439-96-5 | 3.5 | | <u> </u> | |
| P207589 | 3 | | | SEP0389BR0309 SEP1689BR0004 | | 7439-96-5 | 3 | | | Α |
| P208889 P208889 | <u>0</u> 4 | | | SEP1689BR0410 | · | 7439-96-5 7439-96-5 | 3.3 | | <u> </u> | Α |
| P208989 | 3 | | | SEP1789BR0309 | | 7439-96-5 | 3 | | | ₩ |
| P209089 | Ö | | | SEP1889BR0003 | | 7439-96-5 | 3.3 | | | |
| P209089 | 4 | | | SEP1889BR0309 | | 7439-96-5 | 3 | | | A |
| P209189 | 0 | 3 | | SEP1989BR0003 | | 7439-96-5 | 3.3 | 205img/kg | | |
| P209189 | 3 | | | SEP1989BR0309 | | 7439-96-5 | 3 | 80.2 mg/kg | | Α |
| P209489 | 0 | | | SEP2289BR0003 | | 7439-96-5 | 3.3 | | ļ | |
| P209489 | 3 | | | SEP2289BR0307 | | 7439-96-5 | 3 | | | A |
| P209589 | 0 | | | SEP2389BR0004 | | 7439-96-5 | 3 | | | A |
| P209589 P209889 | 4 0 | | | SEP2389BR0410 SEP2689BR0004 | | 7439-96-5 7439-96-5 | 3 | | | A V |
| P209889 | 4 | | | SEP2689BR0004 | | 7439-96-5 | 3 | | | V |
| P210189 | 0 | | | SEP3089BR0003 | | 7439-96-5 | 3.8 | | | |
| P210189 | 3 | | | SEP3089BR0309 | | 7439-96-5 | 3 | | 1 | A |
| P210289 | 0 | | | SEP3189BR0003 | | 7439-96-5 | 3.8 | 184 mg/kg | | |
| P210289 | 3 | 5 | FT | SEP3189BR0306 | | 7439-96-5 | 3 | 226 mg/kg | | V |
| 42493 | 5 | | | | MANGANESE | 7439-96-5 | 10 | 124 mg/kg | | V |
| 46593 | 7 | | | | MANGANESE | 7439-96-5 | 3 | | | V |
| 46993 | 10 | | | | | 7439-96-5 | . 3 | | | J |
| 05093 05193 | 0 | | | | | 7439-97-6 | 0.2 | | | V |
| 05193 | 0 | | | | | 7439-97-6 7439-97-6 | 0.2 | | | V |
| 48195 | 0 | | | | | 7439-97-6 | 0.2 | | U | Z |
| 48195 | 2 | | | | | 7439-97-6 | 0.1 | | lu lu | Z |
| | | | | <u> </u> | | | , ••• | | | |



| COOK DEPTH DEPTH GUIT SAMPLE CASING | | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Tha | n 6 Fee | ., | |
|--|--|------------------------------------|----------|---------|---------------------------------------|---------------------|---------------|--|----------------|--|--|--|
| 48195 4 6 FT BHO0103PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 442285 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482285 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482285 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482285 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482285 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482385 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482385 2 4 FT BHO0104PE MERCURY 17439-97-6 0.11 0.11mp/sp U Z Z 482385 2 4 FT BHO0104PE MERCURY 17439-97-6 0.21 0.01mp/sp U Z Z 482385 2 4 FT BHO0104PE MERCURY 17439-97-6 0.2 0.05mp/sp U Z Z 482385 0 5 FT BH40030AE MERCURY 17439-97-6 0.2 0.05mp/sp U Z Z 482385 0 5 FT BH40030AE MERCURY 17439-97-6 0.2 0.05mp/sp U V V 44193 0 6 FT BH40040AE MERCURY 17439-97-6 0.24 0.05mp/sp U V V 44193 0 6 FT BH40040AE MERCURY 17439-97-6 0.04 0.11mp/sp U V V 441930 0 6 FT BH40040AE MERCURY 17439-97-6 0.04 0.11mp/sp U V V 441930 0 6 FT BH40040AE MERCURY 17439-97-6 0.04 0.11mp/sp U V V 441930 0 5 FT BH40040AE MERCURY 17439-97-6 0.05 0.16 mp/sp U V V 441930 0 5 FT BH40040AE MERCURY 17439-97-6 0.05 0.16 mp/sp U V V 441930 0 5 FT BH40060AE MERCURY 17439-97-6 0.05 0.16 mp/sp U V V 441930 0 5 FT BH40060AE MERCURY 17439-97-6 0.05 0.11mp/sp U V V 441930 0 5 FT BH40060AE MERCURY 17439-97-6 0.05 0.11mp/sp U V V 44239 0 5 FT BH40060AE MERCURY 17439-97-6 0.05 0.11mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.06 mp/sp U V V 44239 0 5 FT BH40160AE MERCURY 17439-97-6 0.05 0.01mp/sp U V V 44239 0 5 FT BH4020AE MERCURY 17439-97-6 0.05 0.01mp/sp U V V 44239 0 5 FT BH4020AE MERCURY 17439-97-6 0.05 0.01mp/sp U V V 44239 0 | | | | | SAMPLE | , F.C. 198 | | 1 7 7 7 7 7 12 7 12 | | | | |
| 148295 | Recipient and Accessors for the Supervice of | constitution and the same and age, | | | | | | Antoniosistical Statement (1866) Statement | North-mand-dup | the contract of the contract o | Section and the Property of the consenses. | Marin and the state of the stat |
| 48295 2 | | | | ~~~ | | | , | | | | | |
| Memory M | 48295 | 2 | 4 | FT | BH00105PE | MERCURY | 7439-97-6 | 0.1 | | | IU | Z . |
| 48395 | | | | | | | | 0.11 | | | įU | |
| 48986 4 5 FT BH0010PE MERCURY 17439-97-6 0.1 0.11mp/kg U Z 2 448983 0 7 FT BH0033AE MERCURY 17439-97-6 0.04 0.11mp/kg U V 44993 0 5 FT BH0033AE MERCURY 17439-97-6 0.04 0.11mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.01mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.12mp/kg U V 44193 0 6 FT BH0005AE MERCURY 17439-97-6 0.05 0.14mp/kg U V 44193 0 5 FT BH0005AE MERCURY 17439-97-6 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.0 | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| 49893 0. 7 FT BH40930AE MERCURY 7438-97-6 0.02 0.05 mg/kg U V V V V V V V V V | | | | | | | | | | | | |
| 44393 0. SFT BH40033AE MERCURY 1739-97-6 0.04 0.11 mg/kg U V 41993 0. SFT BH40034AE MERCURY 1739-97-6 0.05 0.12 mg/kg U V 41993 0. SFT BH40013AE MERCURY 1739-97-6 0.05 0.12 mg/kg U V 42993 0. SFT BH40013AE MERCURY 1739-97-6 0.05 0.12 mg/kg U V 40283 0. SFT BH40113AE MERCURY 1739-97-6 0.05 0.12 mg/kg U V 40293 0. SFT BH40113AE MERCURY 1739-97-6 0.05 0.12 mg/kg U V 42993 1. SFT BH40113AE MERCURY 1739-97-6 0.02 0.11 mg/kg U V 42993 1. SFT BH40113AE MERCURY 1739-97-6 0.02 0.11 mg/kg U U 42993 1. SFT BH40113AE MERCURY 1739-97-6 0.02 0.11 mg/kg U U 40093 0. SFT BH40115AE MERCURY 1739-97-6 0.02 0.11 mg/kg U U 40093 0. SFT SH40101AE MERCURY 1739-97-6 0.05 0.14 mg/kg U U 40093 0. SFT SH40201AE MERCURY 1739-97-6 0.05 0.05 0.05 mg/kg B V 40993 0. SFT SH40201AE MERCURY 1739-97-6 0.05 0.05 0.05 mg/kg B V 41993 0. SFT SH40201AE MERCURY 1739-97-6 0.02 0.11 mg/kg U V 41993 0. SFT SH40201AE MERCURY 1739-97-6 0.02 0.11 mg/kg U V 41993 0. SFT SH40201AE MERCURY 1739-97-6 0.02 0.11 mg/kg U V 41993 0. SFT SH40201AE MERCURY 1739-97-6 0.02 0.11 mg/kg U V 42393 0. SFT SH40201AE MERCURY 1739-97-6 0.02 0.11 mg/kg U V 42393 0. SFT SH40301AE MERCURY 1739-97-6 0.02 0.17 mg/kg U V 43993 0. SFT SH40301AE MERCURY 1739-97-6 0.02 0.17 mg/kg U V 43993 0. SFT SH40301AE MERCURY 1739-97-6 0.02 0.17 mg/kg U V 43993 0. SFT SH40301AE MERCURY 1739-97-6 0.02 0.17 mg/kg U V 43993 0. SFT SH40301AE MERCURY 1739-97-6 0.02 0.17 mg/kg U V 43993 0. SFT SH40301AE MERCURY 1739-97-6 0.02 0.17 mg/kg U V 43993 0. SFT SH40301AE MERCURY | | | | | | | | | | | , | |
| 14193 0 6 FT BH4009APA MERCURY 7439-97-6 0.05 0.12mg/kg V V V V V V V V V | | | | | | | } | | | | | |
| 14993 | | | | | | | · | <u> </u> | | | · | |
| 40293 0 SFT BH40118AE MERCURY 7439-97-6 0.2 0.18 mg/kg U V V V V V V V V V | 41993 | | | FT | BH40062AE | MERCURY | 7439-97-6 | 0.04 | 0.17 | mg/kg | | V |
| 40993 | 2 | | | | | , | | · | | | · | |
| 1 | | | | | | | | | | | · | |
| 40793 0 5FT BH40157AE MERCURY 7439-97-6 0.2 0.121mg/kg V V V V V V V V V | | | | | | | · | | | | | |
| | | | | | | | | | | | | |
| 14893 0 SFT BH40188AE MERCURY 17439-97-6 0.05 0.081 m/g/kg U J J J J J J J J J | | | | | | | | | | | | |
| 141293 0 SFT BH40210AE MERCURY 7439-97-6 0.2 0.11 mg/kg U | | | | | ~ | | | | | | | |
| 141933 0 51FT BH40217AE MERCURY 7439-97-6 0.05 0.331 mg/kg V V V V V V V V V | · | | 3 | FT : | | | } | | 0.11 | mg/kg | | |
| 14793 0 SFT BH4023AE MERCURY 7439-97-6 0.04 0.11 mg/kg U V V V V V V V V V | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | |
| 42393 0 5 FT BH402614E MERCURY 7439-97-6 0.2 0.21 mg/kg J V V V V V V V V V | | | | | | | | | | | | |
| 43193 0 5 FT BH0306AE MERCURY 7439-97-6 0.05 0.14 mg/kg V V V V V V V V V | | | | | | | | | | | | |
| 43493 0 5 FT BH40319AE MERCURY 7439-97-6 0.2 0.17 mg/kg U V V V V V V V V V | | | | | | | | | | | | |
| 43493 5 | 43493 | | | | | | · | | | | | |
| 43793 0 S FT BH40332AE MERCURY 7439-97-6 0.2 1.2 mg/kg J V V V V V V V V V | 43493 | 5 | 10 | FT | BH40322AE | MERCURY | | | 0.17 | mg/kg | Ū | V |
| 49993 0 SFT BH40375AE MERCURY 7439-97-6 0.05 0.14 mg/kg V V V V V V V V V | 43793 | | | | | | 7439-97-6 | 0.2 | 1.2 | mg/kg | | J |
| 45693 O 6 FT BH40377AE MERCURY 7439-97-6 O.2 O.13 mg/kg U V V V V V V V V V | | | | | | | | | | | | |
| 48893 O 5 FT BH40387AE MERCURY 7439-97-6 O.2 O.11 mg/kg U V | | | | | · | | | *************************************** | | | | |
| A6193 | | | | | | | | | | | | |
| 40793 0 5 FT BH40413AE MERCURY 7439-97-6 0.2 0.12 mg/kg U J | | | | | | | <u> </u> | | | | | |
| 41593 0 2 FT BH40417AE MERCURY 7439-97-6 0.2 0.2 mg/kg U V | 40793 | | | | | | | | | | | |
| 41593 2 | 41593 | 0 | | | BH40417AE | | ··· | | | | | |
| 42193 0 2 FT | 41593 | | | | | | 7439-97-6 | 0.2 | 0.2 | mg/kg | U | V |
| 42193 | ~~~~~~~ | | | | | | | | | | | |
| 42193 | | | | | | | | · | | | , <u>- · · · </u> | |
| 42493 0 2 FT | | | | | | | | | | | | |
| 42493 | | | | | | | | | | | | |
| 42493 0 | | | | | | | | | | | 1 | |
| 42493 4 8 FT BH40441AE MERCURY 7439-97-6 0.2 0.11 mg/kg U V | 42493 | | | | | | | | | | · | |
| 42593 0 2 FT BH40446AE MERCURY 7439-97-6 0.2 0.16 mg/kg V | 42493 | | 8 | FT | BH40441AE | MERCURY | | | | | | |
| 42593 | 42593 | | | | | | | | 0.16 | mg/kg | ! | • |
| 42593 | | | | | | | | | 0.11 | mg/kg | | |
| 42093 0 5 FT BH40483AE MERCURY 7439-97-6 0.04 0.16 mg/kg V V V V V V V V V | | | | | | | | | | | | |
| 4393 0 2 FT BH40510AE MERCURY 7439-97-6 0.2 0.12 mg/kg UN J | | | | | | | | | | mg/kg | | |
| 4393 0 | 43393 | | | ··· | | | | | 0.12 | ma/ka | | |
| 43393 | 43393 | | | | | | | | | | | |
| 43693 0 2 FT BH40518AE MERCURY 7439-97-6 0.2 0.72 mg/kg V V V V V V V V V | 43393 | | | | | MERCURY | | | | | | |
| 43693 0 | 43393 | | | | | | | | | | | |
| 43693 0 5 FT BH40520AE MERCURY 7439-97-6 0.2 0.11 mg/kg U V 45793 0 4 FT BH40557AE MERCURY 7439-97-6 0.2 0.11 mg/kg UN J 46593 1 3 FT BH40700AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 3 5 FT BH40702AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 5 7 FT BH40703AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 5 9 FT BH40705AE MERCURY 7439-97-6 0.1 0.12 mg/kg UN J 46693 0 2 FT BH40715AE MERCURY 7439-97-6 0.1 0.13 mg/kg UN J 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J | | | | | | | | | | | | |
| 45793 0 4 FT BH40557AE MERCURY 7439-97-6 0.2 0.11 mg/kg UN J 46593 1 3 FT BH40700AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 3 5 FT BH40702AE MERCURY 7439-97-6 0.1 0.1 mg/kg UN J 46593 5 7 FT BH40705AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 0 2 FT BH40715AE MERCURY 7439-97-6 0.1 0.13 mg/kg UN J 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46793 0 | | | | | | | | | | | | |
| 46593 1 3 FT BH40700AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 3 5 FT BH40702AE MERCURY 7439-97-6 0.1 0.1 mg/kg UN J 46593 5 7 FT BH40705AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 5 9 FT BH40715AE MERCURY 7439-97-6 0.1 0.13 mg/kg UN J 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V 46793 2< | | | | | | | | | | | | |
| 46593 3 5 FT BH40702AE MERCURY 7439-97-6 0.1 0.1 mg/kg UN J 46593 5 7 FT BH40703AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 5 9 FT BH40715AE MERCURY 7439-97-6 0.1 0.12 mg/kg UN J 46693 0 2 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V | 46593 | | | | | | | | | | | |
| 46593 5 7 FT BH40703AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46593 5 9 FT BH40705AE MERCURY 7439-97-6 0.1 0.12 mg/kg UN J 46693 0 2 FT BH40715AE MERCURY 7439-97-6 0.1 0.13 mg/kg UN J 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V | 46593 | | | | | | | | | | | |
| 46593 5 9 FT BH40705AE MERCURY 7439-97-6 0.1 0.12 mg/kg UN J 46693 0 2 FT BH40715AE MERCURY 7439-97-6 0.1 0.13 mg/kg UN J 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.1 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.1 mg/kg U V 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.1 mg/kg U V | 46593 | 5 | 7 | | | | | | | | | |
| 46693 2 4 FT BH40717AE MERCURY 7439-97-6 0.1 0.11 mg/kg UN J 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.1 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V | 46593 | | | | | | | | 0.12 | mg/kg | | |
| 46693 5 7 FT BH40718AE MERCURY 7439-97-6 0.1 0.1 mg/kg UN J 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V | 46693 | | | | | · | | | 0.13 | mg/kg | | |
| 46793 0 2 FT BH40729AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.11 mg/kg U V | | | | | | | | | | | | |
| 46793 2 4 FT BH40731AE MERCURY 7439-97-6 0.1 0.1 mg/kg i U V | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 46793 4 6 FT BH40732AE MERCURY 7439-97-6 0.1 0.12 mg/kg U V | 46793 | 4 | | | | MERCURY | 7439-97-6 | 0.1 | 0.12 | ma/ka | | |

| ļ — | T | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Tha | n 6 Feet | - Metals | |
|--------------------|----------------|------------------------------------|---------|--------------------------------|--|------------------------|----------------|----------|--|-----------|------------|
| \$29.6 . VI | | F 25 11 19 | 終えて | | | | | | N. 1954 | * LAB | 777 A |
| LOCATION | | | | SAMPLE | 0. 1 | 2. | DETECTION | | | RESULT | VALIDATION |
| CODE | START | animater state, agent processed in | CODE | | Analyte | CAS NO | LIMIT | RESULT | The second secon | QUALIFIER | QUALIFIER |
| 46893 | 0 | | | | MERCURY MERCURY | 7439-97-6 7439-97-6 | 0.1 | | | B B | J |
| 46893 46893 | 5 | | | | | 7439-97-6 | 0.1 | | | | J |
| 46993 | 1 | | | | | 7439-97-6 | 0.1 | | | | IJ |
| 46993 | 3 | | | BH40759AE | | 7439-97-6 | 0.1 | | mg/kg | | J |
| 47093 | 1 | | | | | 7439-97-6 | 0.2 | 0.12 | mg/kg | | V |
| 47093 | 3 | | FT | | | 7439-97-6 | 0.2 | | | U | IV . |
| 47093 | 5 | | | | | 7439-97-6 | 0.2 | | | U | V |
| P207589 | 0 | | | SEP0389BR0003 | | 7439-97-6 | 0.12 | | mg/kg | | |
| P208889 P209089 | 0 | | | SEP1689BR0004 SEP1889BR0003 | | 7439-97-6 7439-97-6 | 0.1 | | mg/kg mg/kg | U | |
| P209089 | 0 | | | SEP1989BR0003 | | 7439-97-6 | 0.096 | | | U | |
| P209189 | 3 | | | SEP1989BR0309 | | 7439-97-6 | 0.3 | | mg/kg | | V |
| P209489 | 0 | | | SEP2289BR0003 | | 7439-97-6 | 0.11 | | | U | |
| P210189 | 0 | 3 | FT | SEP3089BR0003 | MERCURY | 7439-97-6 | 0.12 | 0.12 | mg/kg | U | |
| P210189 | 3 | | | SEP3089BR0309 | | 7439-97-6 | 0.3 | | | U | V |
| P210289 | 0 | | | SEP3189BR0003 | | 7439-97-6 | 0.13 | | mg/kg | | |
| P210289 | 3 | | | SEP3189BR0306 | | 7439-97-6 | 0.3 | | mg/kg | | <u>A</u> |
| 42493 46593 | 5 | | | | MERCURY MERCURY | 7439-97-6 7439-97-6 | 0.2 | | mg/kg mg/kg | U | V |
| 46993 | 10 | | | | | 7439-97-6 | 0.1 | | | U | J |
| 05093 | 0 | | | BH00061AE | MOLYBDENUM | 7439-98-7 | 20 | | | U | J |
| 05193 | 0 | | | BH00066AE | | 7439-98-7 | 20 | 4.8 | mg/kg | Ū | J |
| 05393 | 0 | 5 | FT | | MOLYBDENUM | 7439-98-7 | 20 | 4.3 | mg/kg | U | J |
| 48195 | 0 | | | | | 7439-98-7 | 2.4 | | | В | Z |
| 48195 | 2 | | | BH00102PE | | 7439-98-7 | 2.4 | | | В | Z |
| 48195 | 4 | | | BH00103PE | | 7439-98-7 | 2.4 | | | В | Z |
| 48295 48295 | 0 | | FT | BH00104PE | | 7439-98-7 7439-98-7 | 2.4 1.2 | | | B U | Z Z |
| 48295 | 2 | | | BH00105PE BH00106PE | | 7439-98-7 | 1.2 | | | В | Z |
| 48395 | 0 | | | BH00107PE | | 7439-98-7 | 1.4 | | | Ü | Z |
| 48395 | 2 | | | BH00108PE | | 7439-98-7 | 1.5 | | | U | Z |
| 48395 | 4 | | FT | BH00109PE | MOLYBDENUM | 7439-98-7 | 1.5 | | | В | Z |
| 44593 | 0 | | | BH40001AE | MOLYBDENUM | 7439-98-7 | 45.4 | | | U | V |
| 40893 | 0 | | FT | BH40030AE | | 7439-98-7 | 43.9 | | | U | V |
| 44393 | 0 | | | BH40033AE | | 7439-98-7 | 43 | | | U | J |
| 41193 41993 | 0 | | | | | 7439-98-7 | 46 44 | | | U U | J |
| 43893 | 0 | | FT | BH40062AE BH40070AE | the state of the s | 7439-98-7 7439-98-7 | 48 | | | U | <u> </u> |
| 40293 | <u>o</u> | | | | | 7439-98-7 | 48 | | | | J |
| 40393 | 0 | | | | | 7439-98-7 | 47 | | | Ü | J |
| 42993 | 1 | 6 | FT | BH40141AE | | 7439-98-7 | 47 | 4.7 | mg/kg | U | J |
| 40793 | 0 | | FT | BH40157AE | | 7439-98-7 | 20 | | | U | J |
| 40093 | 0 | | | | | 7439-98-7 | 47 | | | U | J |
| 44893 | 0 | | FT | | | 7439-98-7 | 46 | | | | J . |
| 41293 40993 | 0 | | | | | 7439-98-7 7439-98-7 | 20 | | | | J |
| 41693 | 0 | | | | | 7439-98-7 | 47 | | | | J |
| 417 9 3 | ő | | | | | 7439-98-7 | 44 | | | Ü | J |
| 42293 | 1 | | | | | 7439-98-7 | 20 | | | U | J |
| 42393 | 0 | 5 | FT | BH40261AE | MOLYBDENUM | 7439-98-7 | 43 | 4.3 | | U | J |
| 43193 | 0 | | | | | 7439-98-7 | 47 | | | | J |
| 43493 | 0 | | | | | 7439-98-7 | 20 | | | | J |
| 43493 | 5 | | | | | 7439-98-7 | 20 | | | | J |
| 43793 44093 | 0 | | | | | 7439-98-7 7439-98-7 | 20 48 | | | | J |
| 43993 | 0 | | | | | 7439-98-7 | 47 | | | | J |
| 45693 | 0 | | | | | 7439-98-7 | 20 | | | | j |
| 45893 | 0 | | FT | | | 7439-98-7 | 20 | | | | V |
| 46193 | 0 | 6 | FT | BH40385AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | U | J |
| 407.93 | 0 | | | | | 7439-98-7 | 20 | | | | J |
| 41593 | 0 | | | | | 7439-98-7 | 20 | | | | <u> </u> |
| 41593 | 2 | 4 | | | | 7439-98-7 | 20 | | | | <u>J</u> |
| 41593 42193 | | | | | | 7439-98-7 7439-98-7 | 20 20 | | | | J J |
| 42193 | 0 | | | | | 7439-98-7 | 20 | | | | J |
| 42193 | . 0 | | | | | 7439-98-7 | 20 | | | | J |
| | | | | | | | | 7.01 | ! | | |

| | T | able A.6 S | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Su | bsurface Soils | Less Tha | n 6 Fee | t - Metals | |
|----------------------|--------|-------------|----------|--------------------------------|---------------------|-------------------------|----------------|-------------|---|---|--------------------------------------|
| LOCATION | | | UNIT | SAMPLE | | | DETECTION | | | LAB RESULT | VALIDATION |
| CODE | START | | CODE | | Analyte | CAS NO | LIMIT | RESULT | Total control of School Security of the | i first manner of a reference a section | Supringuages secretario 1880 minimum |
| 42493 | 0 | | FT | BH40438AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | U | J |
| 42493 42493 | 0 | | FT FT | BH40439AE BH40440AE | | 7439-98-7 17439-98-7 | 20 | | mg/kg | <u>lu</u> | J |
| 42493 | 4 | | FT | BH40441AE | | 7439-98-7 | 20 | , | mg/kg mg/kg | U | J |
| 42593 | 0 | | FT | BH40446AE | | 7439-98-7 | 20 | | mg/kg | lu | V |
| 42593 | Ō | | FT | BH40447AE | | 7439-98-7 | 20 | | mg/kg | lu | v |
| 42593 | 0 | 5 | FT | BH40448AE | | 7439-98-7 | 20 | | mg/kg | Ū | V |
| 42593 | 4 | 8 | FT | BH40449AE | MOLYBDENUM | 7439-98-7 | 20 | 4.3 | mg/kg | U | V |
| 42093 | 0 | | | BH40483AE | MOLYBDENUM | 7439-98-7 | 43 | | mg/kg | U | J |
| 43393 | 0 | | | BH40510AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | U | J |
| 43393 | 0 | | | BH40511AE | | 7439-98-7 | 20 | | mg/kg | U | J |
| 43393 | 0 | | | BH40512AE | | 7439-98-7 | 20 | | mg/kg | U | J |
| 43393 | 5 | | | BH40517AE | | 7439-98-7 | <u>i 20</u> | | | <u> U </u> | J |
| 43693 43693 | 0 | | FT FT | BH40518AE BH40519AE | } | 7439-98-7 | 20 | | mg/kg | U | J |
| 43693 | 0 | | | BH40520AE | · | 7439-98-7 7439-98-7 | 20 | | mg/kg mg/kg | U | J |
| 45793 | 0 | | FT | BH40557AE | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | U | J |
| 46593 | 1 | | | BH40700AE | MOLYBDENUM | 7439-98-7 | 40 | | mg/kg | U | V |
| 46593 | 3 | | FT | BH40702AE | MOLYBDENUM | 7439-98-7 | 40 | | mg/kg | U | V |
| 46593 | 5 | | FT | BH40703AE | MOLYBDENUM | 7439-98-7 | 40 | | | U | J |
| 46593 | 5 | | FT | BH40705AE | MOLYBDENUM | 7439-98-7 | 40 | | mg/kg | | J |
| 46693 | 0 | 2 | FT | BH40715AE | MOLYBDENUM | 7439-98-7 | 40 | | | U | V |
| 46693 | 2 | | FT | BH40717AE | MOLYBDENUM | 7439-98-7 | 40 | | | U | V |
| 46693 | 5 | | | BH40718AE | MOLYBDENUM | 7439-98-7 | 40 | | | U | V |
| 46793 | 0 | | | BH40729AE | ······ | 7439-98-7 | 40 | 1.8 | | U | J |
| 46793 | 2 | | | BH40731AE | | 7439-98-7 | 40 | 1.4 | | | V |
| 46793 | 4 | | | BH40732AE | | 7439-98-7 | 40 | | | | V |
| 46893 | 0 | | | BH40743AE | | 7439-98-7 | 40 | | | i | V |
| 46893 46993 | 2 1 | | | BH40745AE BH40757AE | | 7439-98-7 | 40 | | | | V V |
| 46993 | 3 | | | BH40759AE | | 7439-98-7 7439-98-7 | 40 | | | | <u>v</u> |
| 47093 | 1 | | | | | 7439-98-7 | 200 | 1 4 | | | * |
| 47093 | 3 | | | | | 7439-98-7 | 200 | 1.3 | | | v · |
| 47093 | 5 | | | | | 7439-98-7 | 200 | 1.3 | | | v |
| P207589 | 0 | 3 | FT | SEP0389BR0003 | | 7439-98-7 | 2.3 | 5.8 | mg/kg | | |
| P207589 | 3 | 9 | FT | SEP0389BR0309 | MOLYBDENUM | 7439-98-7 | 40 | 7.7 | mg/kg | | V |
| P208889 | 0 | 4 | FT | SEP1689BR0004 | MOLYBDENUM | 7439-98-7 | 2.2 | 2.3 | mg/kg | | |
| P208889 | 4 | | <u> </u> | SEP1689BR0410 | | 7439-98-7 | 40 | 2.5 | mg/kg | <u> </u> | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7439-98-7 | 40 | | | | V |
| P209089 | 0 | | | SEP1889BR0003 | | 7439-98-7 | 2.2 | | | U | |
| P209089 | 4 | | | SEP1889BR0309 | | 7439-98-7 | 40 | | mg/kg | | <u>V</u> |
| P209189 P209189 | 0 3 | | | SEP1989BR0003 SEP1989BR0309 | | 7439-98-7 7439-98-7 | 2.2 | | mg/kg | | |
| P209489 | 0 | | | SEP2289BR0003 | | 7439-98-7 | 2.2 | | mg/kg | Ü | Α |
| P209589 | 0 | | | SEP2389BR0004 | | 7439-98-7 | 40: | | mg/kg mg/kg | | v , |
| P209589 | 4 | | ; | SEP2389BR0410 | | 7439-98-7 | 40 | | | | * |
| P209889 | 0 | | | SEP2689BR0004 | | 7439-98-7 | 40 | | mg/kg | | v |
| P209889 | 4 | 10 | | SEP2689BR0410 | | 7439-98-7 | 40 | | | | v |
| P210189 | 0 | 3 | | SEP3089BR0003 | | 7439-98-7 | 25 | | | Ü | |
| P210189 | 3 | | FT | SEP3089BR0309 | | 7439-98-7 | 40 | 21.9 | mg/kg | | V |
| P210289 | 0 | | | SEP3189BR0003 | | 7439-98-7 | 2.5 | 10.7 | mg/kg | | |
| P210289 | 3 | | | SEP3189BR0306 | | 7439-98-7 | 40 | | mg/kg | | V |
| 42493 | 5 | | | | | 7439-98-7 | 20 | | | | V |
| 46593 | 7 | | | SS40140AE | | 7439-98-7 | 40 | | | | J |
| 46993 05093 | 10 | 16 I | | | | 7439-98-7 | 40 | | | | V |
| 05193 | 0 | 5 1 | | | | 7440-02-0 7440-02-0 | 20 | | mg/kg | | <u>V</u> |
| 05393 | 0 | 5 1 | | | | 7440-02-0 7440-02-0 | 20 20 | | mg/kg mg/kg | | J V |
| 48195 | 0 | | | | | 7440-02-0 | 20 | | mg/kg mg/kg | ٥ | <u>v</u> |
| 48195 | 2 | 4 1 | | | | 7440-02-0 | | | mg/kg | | <u>Z</u> . |
| 48195 | 4 | 61 | | | | 7440-02-0 | | | mg/kg | <u>_</u> | Z |
| 48295 | 0 | 2 1 | | | | 7440-02-0 | | | | В | <u>z</u> |
| 48295 | 2 | 4/1 | | | | 7440-02-0 | i | | | В | Z |
| 48295 | 4 | 6 1 | | | | 7440-02-0 | | 8.2 | mg/kg | В | Z |
| 48395 | 0 | 2 | | | | 7440-02-0 | | 6.5 | mg/kg | | Z |
| 48395 | 2 | 4 6 | | | | 7440-02-0 | | 39.6 | mg/kg | | Z |
| 48395 | 4 | 5 f | -T | BH00109PE | NICKEL | 7440-02-0 | | | mg/kg | | Z |

| . / | | T | able A.6 | Solar E | vaporation Pon | ds AOC - Analytical R | esults for Sul | bsurface Soils | Less Tha | ın 6 Feet | - Metals | |
|----------------|----------------|----------|-------------|---------|------------------------|-----------------------|--------------------------|------------------|-------------|----------------|--|--------------|
| | | u di Ŝw | - M. | 1 di | | | | | 54000 | | LAB | |
| LOCA | | DEPTH | DEPTH | CODE | SAMPLE | | CAS NO | DETECTION | | · NUTC | RESULT | VALIDATION |
| 44593 | 25 | SIARI | | FT | BH40001AE | Analyte NICKEL | 7440-02-0 | <u>LIMIT</u> 9.1 | | mg/kg | A Salar Annahaman Annahama | QUALIFIER |
| 40893 | | 0 | | FT | BH40030AE | NICKEL | 7440-02-0 | 8.8 | | mg/kg | | v |
| 44393 | 1 | 0 | 5 | FT | BH40033AE | NICKEL | 7440-02-0 | 9 | | | В | V |
| 41193 | | 0 | | FT | BH40049AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | ٧ |
| 41993 | | 0 | | FT | BH40062AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | V |
| 43893 | + | 0 | | FT | BH40070AE BH40118AE | NICKEL | 7440-02-0 | 10 | | mg/kg | | ٧ |
| 40393 | | 0 | | | BH40123AE | NICKEL | 7440-02-0 7440-02-0 | 10 | | mg/kg mg/kg | | V V |
| 42993 | | 1 | | FT | BH40141AE | | 7440-02-0 | 9 | | mg/kg | | V |
| 40793 | 1 | 0 | 5 | FT | BH40157AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | j |
| 40093 | | 0 | | | BH40167AE | NICKEL | 7440-02-0 | 9 | | | | V |
| 44893 | | 0 | | · | BH40188AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | V |
| 41293 | | 0 | | | BH40196AE BH40201AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | J |
| 41693 | | | | FT | BH40217AE | NICKEL | 7440-02-0 7440-02-0 | 20 | | mg/kg mg/kg | | <u>V</u> |
| 41793 | | <u>ŏ</u> | | | BH40243AE | NICKEL | 7440-02-0 | 9 | | | | J |
| 42293 | T | 1 | | | BH40253AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | j |
| 42393 | | 0 | | FT | BH40261AE | NICKEL | 7440-02-0 | 9 | 5.7 | mg/kg | В | V |
| 43193 | | 0 | | | BH40306AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | V |
| 43493 | | 0 5 | | | BH40319AE | NICKEL | 7440-02-0 | 20 | 8.7 | | В | J |
| 43493 | | 0 | | | BH40322AE BH40332AE | NICKEL | 17440-02-0 17440-02-0 | 20 20 | | mg/kg mg/kg | | J J |
| 44093 | | | | | BH40348AE | NICKEL | 7440-02-0 | 10 | | mg/kg mg/kg | | V |
| 43993 | | 0 | 5 | | BH40353AE | NICKEL | 7440-02-0 | 9 | | mg/kg | | J |
| 45693 | | 0 | <u> </u> | | BH40374AE | NICKEL | 7440-02-0 | 20 | 13.1 | mg/kg | ۰ | V |
| 45893 | | 0 | <u></u> | | BH40377AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 46193 | | 0 | | | BH40385AE BH40413AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 4.1593 | | 0 | | | BH40417AE | NICKEL | 7440-02-0 7440-02-0 | 20) 20 | | mg/kg mg/kg | | J V |
| 41593 | $-\dagger$ | 2 | | | BH40418AE | NICKEL | 7440-02-0 | 20 | | | | J |
| 41593 | <u>-</u> | 4 | | FT | BH40419AE | NICKEL | 7440-02-0 | 20 | 4.4 | | | J |
| 42193 | | 0 | | | BH40425AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 42193 | <u> </u> | 0 | | | BH40426AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 42193 | | 0 | | | BH40427AE | NICKEL | 7440-02-0 | 20 | | | | V |
| 42493 | | 0 | | | BH40438AE BH40439AE | NICKEL NICKEL | 7440-02-0 7440-02-0 | 20l 20l | 16.2 | mg/kg mg/kg | | V |
| 42493 | | 0 | | | BH40440AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 42493 | | 4 | 8 | | BH40441AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | v |
| 42593 | | 0 | | | BH40446AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 42593 | | 0 | | | BH40447AE | | 7440-02-0 | 20 | | mg/kg | | V |
| 42593 | | 0 4 | | | BH40448AE BH40449AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 42093 | | 0 | | | BH40483AE | NICKEL NICKEL | 7440-02-0 7440-02-0 | 20 9 | | | | V |
| 43393 | | 0 | | | BH40510AE | NICKEL | 7440-02-0 | 20 | | | | V |
| 43393 | | 0 | 4 | FT | BH40511AE | NICKEL | 7440-02-0 | 20 | | | | V |
| 43393 | | 0 | | | BH40512AE | | 7440-02-0 | 20 | 4.3 | mg/kg | | V |
| 43393 | | 5 | | | BH40517AE | NICKEL | 7440-02-0 | 20 | | mg/kg | | V |
| 43693 | | 0 | | | BH40518AE BH40519AE | | 7440-02-0 7440-02-0 | 20 | | mg/kg | | <u>V</u> |
| 43693 | $-\dot{+}$ | 0 | | | BH40520AE | | 7440-02-0 | 20 20 | | | | V V |
| 457,93 | | 0 | | | BH40557AE | | 7440-02-0 | 20 | | mg/kg | | v V |
| 46593 | | 1 | 3 | FT | BH40700AE | NICKEL | 7440-02-0 | 8 | 14.8 | mg/kg | | v |
| 46593 | | 3 | | | BH40702AE | | 7440-02-0 | 8 | 5.3 | mg/kg | | V |
| 46593 46593 | | 5 5 | | | BH40703AE | | 7440-02-0 | 8i | | mg/kg | | / |
| 46693 | - | 0 | | | BH40705AE BH40715AE | | 7440-02-0 7440-02-0 | 8 | | mg/kg mg/kg | | V |
| 46693 | | 2 | | | BH40717AE | | 7440-02-0 | 8 | | ng/kg ng/kg | | / |
| 46693 | | 5 | 7 | FT | BH40718AE | | 7440-02-0 | 8 | | ng/kg | | 7 |
| 46793 | | 0 | | FT | BH40729AE | NICKEL | 7440-02-0 | 8 | 24.9 | ng/kg | i i | / |
| 46793 | $-\!\!\!\!\!+$ | 2 | | | BH40731AE | | 7440-02-0 | 8 | | ng/kg | | / |
| 46793 46893 | | 4 | | | BH40732AE BH40743AE | | 7440-02-0 | 8 | 1.9 | | | <u>/</u> |
| 46893 | | 2 | | | BH40745AE | NICKEL | 7440-02-0 7440-02-0 | 8 8 | | ng/kg ng/kg | | |
| 46993 | | 1 | | | BH40757AE | NICKEL | 7440-02-0 | 8 | | ng/kg | | |
| 46993 | | 3 | 5 | FT | BH40759AE | NICKEL | 7440-02-0 | 8 | | ng/kg i | | |
| 47093 | | . 1 | | | BH40771AE | | 7440-02-0 | 40 | 20.8 | ng/kg | IV. | / |
| 47093 | | 3 | 5 | FT | BH40773AE | NICKEL | 7440-02-0 | 40 | 9.6 | ng/kg | | / |

392:

| | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | surface Soils | Less Tha | n 6 Feet | | |
|----------|-------|------------|----------|------------------|---------------------|---------------|---------------|----------|---------------------------|-----------|------------|
| | | | % | | | | | | | LAB | |
| LOCATION | | DEPTH | UNIT | SAMPLE | | | DETECTION | | | RESULT | VALIDATION |
| CODE | START | - constant | | | Analyte | CAS NO | LIMIT | RESULT | · Allerton in the sale of | QUALIFIER | QUALIFIER |
| 47093 | 5 | | | | NICKEL | 7440-02-0 | 40 | | mg/kg | | V |
| P207589 | 0 | | | SEP0389BR0003 | | 7440-02-0 | 9.4 | | mg/kg | | |
| P207589 | 3 | | FT | SEP0389BR0309 | | 7440-02-0 | 8 | | | J | Α |
| P208889 | 0 | | | SEP1689BR0004 | | 7440-02-0 | 8.7 | | | lu | |
| P208989 | 3 | | FT | SEP1789BR0309 | | 7440-02-0 | 8 | 14.8 | mg/kg | · | IA |
| P209089 | 0 | <u> </u> | FT | SEP1889BR0003 | | 7440-02-0 | 8.9 | 8.9 | | U | |
| P209089 | 4 | | FT | SEP1889BR0309 | | 7440-02-0 | 8 | 35.7 | mg/kg | | A |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-02-0 | 8.9 | | mg/kg | | |
| P209189 | 3 | | FT | SEP1989BR0309 | | 7440-02-0 | 8 | | mg/kg | | Α |
| P209489 | 0 | | | SEP2289BR0003 | | 7440-02-0 | 8.9 | | | U | |
| P209489 | 3 | | | SEP2289BR0307 | | 7440-02-0 | 8 | | | | Α |
| P209589 | 0 | | | SEP2389BR0004 | | 7440-02-0 | 8 | | | | Α |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-02-0 | 8 | | mg/kg | เกา | Α |
| P210189 | 0 | | | SEP3089BR0003 | | 7440-02-0 | 10 | | mg/kg | | |
| P210189 | 3 | | | SEP3089BR0309 | | 7440-02-0 | 8 | 17.6 | mg/kg | | ٧ |
| P210289 | 0 | | | SEP3189BR0003 | | 7440-02-0 | 10 | | | ĮU | |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-02-0 | 8 | | mg/kg | | Α |
| 42493 | 5 | | | | | 7440-02-0 | 20 | | mg/kg | | V |
| 46593 | 7 | | | | NICKEL | 7440-02-0 | 8 | 29.8 | mg/kg | | V |
| 46993 | 10 | | | | NICKEL | 7440-02-0 | 8 | 18.6 | mg/kg | | <u>J</u> |
| 48195 | 0 | | | | NITRATE/NITRITE | | 1 | | mg/kg | | Z |
| 48195 | 2 | | | | NITRATE/NITRITE | | 1 | | mg/kg | <u> </u> | Z |
| 48195 | 4 | | | | NITRATE/NITRITE | | 1 | 206 | mg/kg | | Z |
| 48295 | 0 | | | | NITRATE/NITRITE | | 1 | 1062 | mg/kg | | Z· |
| 48295 | 2 | | | | NITRATE/NITRITE | | 1 | 619 | mg/kg | | Z |
| 48295 | 4 | <u> </u> | | | NITRATE/NITRITE | | 1 | | mg/kg | | Z |
| 48395 | 0 | | | | NITRATE/NITRITE | | 1 | | mg/kg | | Z |
| 48395 | 2 | | | | NITRATE/NITRITE | | 1 | | mg/kg | | Z |
| 48395 | 4 | | FT | | NITRATE/NITRITE | | 11 | | mg/kg | | Z |
| 05093 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg | | V |
| 05193 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg | | J |
| 05393 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg | | V |
| 48,195 | 0 | | | | | 7440-09-7 | | | mg/kg | | Z |
| 48195 | 2 | | | | | 7440-09-7 | | | mg/kg | | Z |
| 48195 | 4 | | | | | 7440-09-7 | | 715 | mg/kg | | Z |
| 48295 | 0 | | | | | 7440-09-7 | | | mg/kg | | Z |
| 48295 | 2 | | ·~ | | POTASSIUM | 7440-09-7 | | | mg/kg | | Z |
| 48295 | 4 | | | | | 7440-09-7 | | | mg/kg | | Z |
| 48395 | 0 | | | | POTASSIUM | 7440-09-7 | | 3960 | mg/kg | | Z |
| 48395 | 2 | | | | POTASSIUM | 7440-09-7 | | | mg/kg | | Z |
| 48395 | 4 | | | | POTASSIUM | 7440-09-7 | | | mg/kg | | Z |
| 44593 | 0 | | | | POTASSIUM | 7440-09-7 | 2267.6 | | mg/kg | | V |
| 40893 | 0 | | | | POTASSIUM | 7440-09-7 | 2194.4 | | | | V |
| 44393 | 0 | | | | POTASSIUM | 7440-09-7 | 1083 | | mg/kg | | V |
| 41193 | 0 | | | | | 7440-09-7 | 1159 | | mg/kg | | <u>V</u> |
| 41993 | 0 | | | | | 7440-09-7 | 1101 | | mg/kg | | <u>V</u> |
| 43893 | 0 | | | | | 7440-09-7 | 1203 | | mg/kg | | V . |
| 40293 | 0 | | | | | 7440-09-7 | 2424 | | mg/kg | | J |
| 40393 | 0 | | | | | 7440-09-7 | 1168 | | mg/kg | | V . |
| 42993 | 1 | | | | POTASSIUM | 7440-09-7 | 2339 | | mg/kg | | J |
| 40793 | 0 | | | | | 7440-09-7 | 1000 | | mg/kg | | V |
| 40093 | 0 | | | | | 7440-09-7 | 1171 | | | | V |
| 44893 | 0 | | | | | 7440-09-7 | 1155 | | mg/kg | | V |
| 41293 | 0 | | | | | 7440-09-7 | 1000 | 1170 | mg/kg | | V |
| 40993 | 0 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | V |
| 41693 | 0 | | | | POTASSIUM | 7440-09-7 | 1168 | | mg/kg | | V |
| 41793 | 0 | | | | | 7440-09-7 | 1099 | 1410 | mg/kg | | V |
| 42293 | 1 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | j |
| 42393 | 0 | | | | POTASSIUM | 7440-09-7 | 2153 | | mg/kg | | J |
| 43193 | 0 | | | | | 7440-09-7 | 1183 | 3890 | mg/kg | | V |
| 43493 | 0 | | | | | 7440-09-7 | 1000 | 1500 | mg/kg | | J |
| 43493 | 5 | 10 | | | | 7440-09-7 | 1000 | 1800 | mg/kg | | J |
| 43793 | 0 | | | | | 7440-09-7 | 1000 | 1840 | mg/kg | | V |
| 44093 | 0 | | | | | 7440-09-7 | 1205 | 1660 | mg/kg | | V |
| 43993 | 0 | | | | | 7440-09-7 | 1163 | 1360 | mg/kg | | V |
| 45693 | 0 | 6 | | | | 7440-09-7 | 1000 | 1770 | mg/kg | | V |
| 45893 | 0 | 5 | | BH40377AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | V |

| | T: | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Su | bsurface Soils | Less Tha | n 6 Feet | - Metals | |
|--------------------|--------|---|-------------|--------------------------------|--|------------------------|----------------|------------------|----------------|-------------|-------------------------------|
| 40 L | 4 | | P 27 34 | 1925 | 7 48 · · · · · · · · · · · · · · · · · · | | | .6 .7 5 7 | 11-12-17 | LAB | |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | | | DETECTION | | | RESULT | VALIDATION |
| CODE | START | | CODE | NUMBER | Analyte | CAS NO | LIMIT | RESULT | | QUALIFIER | QUALIFIER |
| 46193 | 0 | *************************************** | FT | BH40385AE | POTASSIUM | 7440-09-7 | 1000 | 1970 | mg/kg | | J |
| 40793 | 0 | | FT | BH40413AE | POTASSIUM | 7440-09-7 | 1000 | 2210 | mg/kg | | V |
| 41593 | 0 | | FT | BH40417AE | | 7440-09-7 | 1000 | | mg/kg | | J |
| 41593 | 2 | | FT | BH40418AE | | 7440-09-7 | 1000 | | mg/kg | | j |
| 41593 | 4 | | | BH40419AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | IJ |
| 42193 | 0 | | | BH40425AE | | 7440-09-7 | 1000 | | mg/kg | | ٧ |
| 42193 42193 | 0 | | | BH40426AE BH40427AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | lv V |
| 42493 | 0 | | FT | BH40438AE | POTASSIUM POTASSIUM | 7440-09-7 7440-09-7 | 1000 | 2900 | mg/kg mg/kg | | |
| 42493 | 0 | | | BH40439AE | | 7440-09-7 | 1000 | 1860 | mg/kg mg/kg | |) |
| 42493 | 0 | | | BH40440AE | | 7440-09-7 | 1000 | 1760 | mg/kg | | J |
| 42493 | 4 | | | BH40441AE | POTASSIUM | 7440-09-7 | 1000 | 1400 | mg/kg | | J |
| 42593 | 0 | | | | | 7440-09-7 | 1000 | 5520 | mg/kg | | V |
| 42593 | 0 | ` | FT | BH40447AE | POTASSIUM | 7440-09-7 | 1000 | 1370 | mg/kg | | V |
| 42593 | 0 | | FT | BH40448AE | | 7440-09-7 | 1000 | | | В | V |
| 42593 | 4 | 8 | FT | BH40449AE | | 7440-09-7 | 1000 | | | | V |
| 42093 | Ö | | | BH40483AE | POTASSIUM | 7440-09-7 | 1078 | 637 | | В | V |
| 43393 | 0 | | | BH40510AE | | 7440-09-7 | 1000 | 6770 | mg/kg | | V |
| 43393 | 0 | | | BH40511AE | POTASSIUM | 7440-09-7 | 1000 | 3050 | mg/kg | | V |
| 43393 | 0 | | | BH40512AE | POTASSIUM | 7440-09-7 | 1000 | 3230 | mg/kg | | V |
| 43393 | 5 | | FT | BH40517AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | V |
| 43693 | 0 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | J |
| 43693 | 0 | | · | BH40519AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | J |
| 43693 45793 | 0 | | FT | BH40520AE | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | J |
| 46593 | 1 | <u> </u> | FT | | POTASSIUM POTASSIUM | 7440-09-7 7440-09-7 | 1000 | | | | V |
| 46593 | 3 | | | BH40702AE | | 7440-09-7 | 1000 | 2000 | mg/kg mg/kg | | V V |
| 46593 | 5 | | | BH40703AE | | 7440-09-7 | 1000 | | mg/kg | | V |
| 46593 | 5 | | | BH40705AE | | 7440-09-7 | 1000 | | mg/kg | | V |
| 46693 | 0 | | | BH40715AE | | 7440-09-7 | 1000 | 21100 | | | v |
| 46693 | 2 | | | BH40717AE | | 7440-09-7 | 1000 | | mg/kg | | V |
| 46693 | 5 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | · v |
| 46793 | 0 | | | | | 7440-09-7 | 1000 | 10700 | | | $\dot{\overline{\mathbf{v}}}$ |
| 46793 | 2 | 4 | FT | BH40731AE | | 7440-09-7 | 1000 | | mg/kg | | V |
| 46793 | 4 | 6 | FT | BH40732AE | POTASSIUM | 7440-09-7 | 1000 | 1570 | mg/kg | | V |
| 46893 | 0 | | | BH40743AE | POTASSIUM | 7440-09-7 | 1000 | 1110 | mg/kg | В | V |
| 46 8 93 | 2 | | | BH40745AE | | 7440-09-7 | 1000 | 665 | mg/kg | | V |
| 46893 | 5 | | | BH40746AE | | 7440-09-7 | 1000 | | | | V |
| 46993 | 1 | | FT | BH40757AE | | 7440-09-7 | 1000 | | mg/kg | | V |
| 46993 | 3 | | | | POTASSIUM | 7440-09-7 | 1000 | | mg/kg | | V |
| 47093 | 1 | | FT | | POTASSIUM | 7440-09-7 | 5000 | | mg/kg | | V |
| 47093 47093 | 3 5 | | | | POTASSIUM | 7440-09-7 | 5000 | | mg/kg | | V |
| P207589 | 0 | | | BH40774AE SEP0389BR0003 | POTASSIUM | 7440-09-7 7440-09-7 | 5000 1170 | | mg/kg | | V |
| P207589 | 3 | | FT | SEP0389BR0003 | | 7440-09-7 | 2000 | | mg/kg mg/kg | ŪJ | A |
| P208889 | 0 | | | SEP1689BR0004 | | 7440-09-7 | 1090 | | mg/kg | | ^ |
| P208889 | 4 | | | SEP1689BR0410 | | 7440-09-7 | 2000 | | | UJ | Α |
| P208989 | 3 | | | SEP1789BR0309 | | 7440-09-7 | 2000 | | | | <u> </u> |
| P209089 | 0 | | | SEP1889BR0003 | | 7440-09-7 | 1110 | | | | |
| P209089 | 4 | | | SEP1889BR0309 | | 7440-09-7 | 2000 | 2370 | | | A |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-09-7 | 1110 | | mg/kg | | |
| P209189 | 3 | 10 | FT | SEP1989BR0309 | | 7440-09-7 | 2000 | | mg/kg | | V |
| P209489 | 0 | 3 | FT | SEP2289BR0003 | POTASSIUM | 7440-09-7 | 1110 | 1110 | mg/kg | U | |
| P209489 | 3 | | | SEP2289BR0307 | | 7440-09-7 | 2000 | 313 | mg/kg | UJ | Α |
| P209589 | 0 | | | SEP2389BR0004 | | 7440-09-7 | 2000 | | mg/kg | | A |
| P209589 | 4 | | | SEP2389BR0410 | | 7440-09-7 | 2000 | | mg/kg | | A |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-09-7 | 2000 | | mg/kg | | A |
| P209889 | 4 | | | SEP2689BR0410 | | 7440-09-7 | 2000 | | | UJ . | A |
| P210189 | 0 | | | SEP3089BR0003 | | 7440-09-7 | 125 | 4320 | | | |
| P210189 P210289 | 3 | | | SEP3089BR0309 | | 7440-09-7 | 2000 | 4620 | | | A |
| P210289 | 0 3 | | | SEP3189BR0003 SEP3189BR0306 | | 7440-09-7 7440-09-7 | 1250 2000 | 2340 | | <u> </u> | |
| 42493 | 5 | | | | | 7440-09-7 7440-09-7 | 1000 | 1150 2150 | | | A V |
| 46593 | 7 | | | | | 7440-09-7 | 1000 | 4420 | mo/ko | | V I |
| 46993 | 10 | 16 | | | | 7440-09-7 7440-09-7 | 1000 | 8620 | | | V |
| 0 5093 | 0 | | | | | 7782-49-2 | 2 | | | | V |
| 05193 | 0 | | | | | 7782-49-2 | 2 | | | | J |
| | | | | | | | | J. 13 | | 1 | - ! |

| | Ta | able A.6 S | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Tha | an 6 Fee | t - Metals | |
|-------------------------|----------|------------|-------------|------------------------|---|--------------------------|----------------|----------|---------------------------------------|--------------------|---|
| 5000 | | <u> </u> | Mr. (2.,) | SAMPLE | | | | | · 1/2 /2. | LAB - | |
| LOCATION | START | | CODE | | Analyte | | DETECTION | | 1 | *RESULT* QUALIFIER | |
| 05393 | 0 | | | BH00076AE | SELENIUM | 7782-49-2 | 2 | | a hadron sidebilities on a | UW | J |
| 48195 | 0 | | | BH00101PE | | 7782-49-2 | 0.79 | 0.79 | mg/kg | ĺU | Z |
| 48195 | 2 | | | BH00102PE | SELENIUM | 7782-49-2 | 0.82 | | | ļU | Z |
| 48195 48295 | 4 0 | | | | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 0.64 | | | U | Z |
| 48295 | 2 | | | | SELENIUM | 7782-49-2 | 0.64 0.49 | | mg/kg mg/kg | BW | Z |
| 48295 | . 4 | | | | | 7782-49-2 | 0.49 | | , | IBW | Z |
| 48395 | 0 | | | BH00107PE | SELENIUM | 7782-49-2 | 0.49 | 1.1 | mg/kg | iw | Z |
| 48395 | 2 | | | | | 7782-49-2 | 0.49 | | mg/kg | BW | Z |
| 48395 44593 | 4 0 | | | | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 0.8 | | | IBW | Z |
| 40893 | 0 | | | | SELENIUM | 7782-49-2 | 1.1 | | | | J |
| 44393 | 0 | | | | | 7782-49-2 | 1 | | | | J |
| 41193 | 0 | | | BH40049AE | | 7782-49-2 | 1 | | | | J |
| 41993 | 0 | | | | | 7782-49-2 | 1 | | | | V |
| 43893 40293 | 0 | | | | SELENIUM | 7782-49-2 | 1! | | | UN | J |
| 40393 | . 0 | | | BH40118AE BH40123AE | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 1 | | | U | <u>V</u> |
| 42993 | 1 | | | | | 7782-49-2 | 1 | | | UN U | V |
| 40793 | Ö | | | | SELENIUM | 7782-49-2 | 2 | | | UN | J |
| 40093 | 0 | | | | SELENIUM | 7782-49-2 | 1 | | | U | V |
| 44893 | 0 | | | | SELENIUM | 7782-49-2 | 1 | 0.46 | mg/kg | U | ٧ |
| 41293 | 0 | | | | SELENIUM | 7782-49-2 | 2 | | | UN | J |
| 40993 41693 | 0 | | | | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 2 1 | | | IUN IU | J |
| 41793 | 0 | | | | *************************************** | 7782-49-2 | 1 | | mg/kg mg/kg | UW | J |
| 42293 | 1 | | | | | 7782-49-2 | 2 | | mg/kg | UWN | J |
| 42393 | 0 | | | | | 7782-49-2 | 1 | | mg/kg | U | V |
| 43193 | 0 | | | | | 7782-49-2 | 1 | | | Ü | V |
| 43493 43493 | 0 5 | | | BH40319AE | | 7782-49-2 | 2 | | mg/kg | UWN | <u> </u> |
| 43793 | 0 | | | BH40322AE BH40332AE | | 7782-49-2 7782-49-2 | 2 2 | | | | J |
| 44093 | 0 | | | | SELENIUM | 7782-49-2 | 1 | | · · · · · · · · · · · · · · · · · · · | | J |
| 43993 | 0 | | | | SELENIUM | 7782-49-2 | 1 | | | | j |
| 45693 | 0 | 6 | | | | 7782-49-2 | 2 | | | | V |
| 45893 | 0 | | | | SELENIUM | 7782-49-2 | 2 | | | | V |
| 46193 40793 | 0 | 6 I | | | | 7782-49-2 | 2 | 0.5 | | U | <u>v</u> |
| 41593 | 0 | | | | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 2 2 | | | | J J |
| 41593 | 2 | | | | SELENIUM | 7782-49-2 | 2 | | | | <u>J</u> |
| 41593 | 4 | 6 1 | FT | BH40419AE | SELENIUM | 7782-49-2 | 2 | | | | J |
| 42193 | 0 | | | | | 7782-49-2 | 2 | 0.63 | mg/kg | | V |
| 42193 42193 | 0 | 4 | | | ····· | 7782-49-2 | 2 | | | | V |
| 42493 | 0 | | | | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 2 2 | 0.45 | | | V |
| 42493 | 0 | | | | | 7782-49-2 | 2 | | mg/kg | | J |
| 42403 | 0 | 5 1 | FT | | | 7782-49-2 | 2 | | | | v - |
| 42493 | 4 | | | | | 7782-49-2 | 2 | | | | V |
| 42593 | 0 | | | | | 7782-49-2 | 2 | | | | V |
| 42593 42593 | 0 | 4 I 5 I | | | | 7782-49-2 7782-49-2 | 2 | | _~ | | V V |
| 42593 | 4 | 8 1 | | | | 7782-49-2 | 2 | | | | <u>v</u> |
| 42093 | 0 | | | | | 7782-49-2 | 1 | | | | v |
| 43393 | 0, | | | BH40510AE | SELENIUM | 7782-49-2 | . 2 | 0.47 | mg/kg | | V |
| 43393 | 0 | 4 1 | | | | 7782-49-2 | 2 | | | | V |
| 43393 43 3 93 | 0) 5) | 5 5 | | | | 7782-49-2 | 2 | | | | J |
| 43693 | 0 | 8 F | | | | 7782-49-2 7782-49-2 | 2 | | | | V |
| 43693 | 0 | 4 1 | | | | 7782-49-2 | 2 | | | | J J |
| 43693 | 0 | 5 F | | | | 7782-49-2 | 2 | | | | V |
| 45793 | 0 | 4 F | -T | BH40557AE | SELENIUM | 7782-49-2 | 2 | | | | V |
| 46593 | 1 | 3 F | | | | 7782-49-2 | 1 | | | | J |
| 46593 . 46593 | 5 | 5 F | | | | 7782-49-2 | 11 | | | | J |
| 46593 | 5 | 9 F | | | | 7782-49-2 7782-49-2 | 11 | | | | J J |
| 46693 | 0 | 2 F | | | | 7782-49-2 | 1 | | | | J |
| | 2 | 4 F | | | | 7782-49-2 | 1 | | | UWN | |

| : | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | | bsurface Soils | | | - Metals | |
|-----------------------------|---------|----------|-------------|--------------------------------|----------------------|--------------------------|--------------------|-------------|----------------|---|----------------------|
| LOCATION | NEDTH | OCOTU | (A) | CAMPIE | | N 360 | DETECTION | - 4 | 11 | LAB | V. DATA |
| | | END | | SAMPLE | Ānalyte | CAS NO | DETECTION LIMIT | RESULT | UNITS | RESULT | VALIDATION QUALIFIER |
| 46693 | 5 | | | BH40718AE | SELENIUM | 7782-49-2 | 1 | | | The same of the contract of the same of the | J |
| 46793 | 0 | | | BH40729AE | SELENIUM | 7782-49-2 | 1 | | | В | iv . |
| 46793 | 2 | | | BH40731AE | SELENIUM | 7782-49-2 | 1 | | | U | lv |
| 46793 46893 | 4 | | FT | BH40732AE BH40743AE | SELENIUM SELENIUM | 7782-49-2 | 1 1 | | | U IU | J |
| 46893 | 2 | | *********** | BH40745AE | SELENIUM | 7782-49-2 | 1 | | | | J - |
| 46893 | 5 | | <u></u> | BH40746AE | SELENIUM | 7782-49-2 | 1 | | | | J |
| 46993 | 1 | | | BH40757AE | SELENIUM | 7782-49-2 | 1 | | | | J |
| 46993 | 3 | | | BH40759AE | SELENIUM | 7782-49-2 | 1 | | | | J |
| 47093 47093 | 3 | | FT | BH40771AE BH40773AE | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | 5 | | | | V |
| 47093 | 5 | | | BH40774AE | SELENIUM | 7782-49-2 | 5 | | | | V |
| P207589 | 0 | | | SEP0389BR0003 | | 7782-49-2 | 6 | | | U | |
| P208889 | 0 | | | SEP1689BR0004 | | 7782-49-2 | 5.3 | | | U | |
| P208989 | 3 | | | SEP1789BR0309 | | 7782-49-2 | 1 7 | | | | A |
| P209089 P209089 | 0 4 | | | SEP1889BR0003 SEP1889BR0309 | | 7782-49-2 7782-49-2 | 5.7 | | | UJ | Α |
| P209189 | 0 | | | SEP1989BR0003 | | 7782-49-2 | 5.4 | | | U | |
| P209489 | 0 | 3 | | SEP2289BR0003 | | 7782-49-2 | 1.1 | | | Ü | |
| P209489 | 3 | | , | SEP2289BR0307 | | 7782-49-2 | 1 | 1.3 | mg/kg | UJ | A |
| P210189 | 0 | | | SEP3089BR0003 | | 7782-49-2 | 2.5 | | | U | |
| P210189 P210289 | 3 0 | | | SEP3089BR0309 SEP3189BR0003 | | 7782-49-2 7782-49-2 | 6.3 | | mg/kg mg/kg | U | Α |
| 42493 | 5 | | | | SELENIUM | 7782-49-2 | 2 | | | | V |
| 46593 | 7 | | | | SELENIUM | 7782-49-2 | 1 | | | | J |
| 46993 | 10 | | | | SELENIUM | 7782-49-2 | 1 | | | | J |
| 05093 | 0 | ~-~ | | | SILICON | 7440-21-3 | 100 | | mg/kg | | V |
| 05193 05393 | 0 0 | | | | | 7440-21-3 7440-21-3 | 100 | 8280 | mg/kg | | A A |
| 44593 | 0 | ~~~~~ | | | | 7440-21-3 | 100 22.7 | 1320 | mg/kg mg/kg | | J |
| 40893 | 0 | | | | | 7440-21-3 | 21.9 | | mg/kg | | J |
| 44393 | 0 | 5 | FT | | | 7440-21-3 | 22 | | mg/kg | | J |
| 41193 | 0 | | | | | 7440-21-3 | 23 | | mg/kg | | J |
| 41993 43893 | 0 | | | | | 7440-21-3 7440-21-3 | 22 | | mg/kg | | J |
| 40293 | 0 | | | | | 7440-21-3 | 24 24 | | mg/kg mg/kg | | J J |
| 40393 | 0 | | | | | 7440-21-3 | 23 | | mg/kg | | J |
| 42993 | 1 | | | BH40141AE | SILICON | 7440-21-3 | 23 | | | | J |
| 40793 | 0 | | | | | 7440-21-3 | 100 | | mg/kg | | J |
| 40093 44893 | 0) 0 | | | BH40167AE BH40188AE | | 7440-21-3 7440-21-3 | 23 23 | | mg/kg | | J |
| 41293 | 0 | | | | | 7440-21-3 | 100 | | mg/kg mg/kg | | J J |
| 40993 | 0 | | | BH40201AE | | 7440-21-3 | 100 | | mg/kg | | J |
| 41,693 | 0 | | FT | BH40217AE | | 7440-21-3 | 23 | 1240 | mg/kg | E I | J |
| 41793 | 0 | | | | | 7440-21-3 | 22 | | | | J _. |
| 42293 42393 | 1 0 | | | | | 7440-21-3 7440-21-3 | 100 22 | | mg/kg mg/kg | | J |
| 43193 | 0 | | | | | 7440-21-3 | 24 | | | | J J |
| 43493 | 0 | | | BH40319AE | SILICON | 7440-21-3 | 100 | 7090 | mg/kg | | J |
| 43493 | 5 | 10 | | BH40322AE ! | SILICON | 7440-21-3 | 100 | 7030 | mg/kg | | J |
| 43793 | 0 | | | | | 7440-21-3 | 100 | | mg/kg | | J |
| 44093 43993 | 0 | | | | | 7440-21-3 7440-21-3 | 24 23 | 4750 | mg/kg mg/kg | | J |
| 45693 | . 0 | | | | | 7440-21-3 | 100 | 920 | mg/kg mg/kg | | J J |
| 45893 | 0 | | | | | 7440-21-3 | 100 | 1540 | mg/kg | | J . |
| 46193 | 0 | | | BH40385AE | SILICON | 7440-21-3 | 100 | 1430 | mg/kg | • | J |
| 40793 | 0 | | | | | 7440-21-3 | 100 | 2220 | mg/kg | | J |
| 41593 41593 | 0 | | | | | 7440-21-3 7440-21-3 | 100 | 14000 | mg/kg mg/kg | | <u> </u> |
| 41593 | 4 | | | | | 7440-21-3 | 100 | | mg/kg mg/kg | | J J |
| 42193 | Ö | | | | | 7440-21-3 | 100 | 490 | mg/kg | | |
| 42193 | 0 | 4 | FT ! | BH40426AE | SILICON | 7440-21-3 | 100 | 690 | mg/kg | | J |
| 42193 | 0 | | | | | 7440-21-3 | 100 | | mg/kg | | ا ا |
| 42493 424 9 3 | 0 | | | | | 7440-21-3 | 100 | | mg/kg | | j |
| 42493 42493 | 0 | | | | | 7440-21-3 7440-21-3 | 100 100 | 1100 | mg/kg mg/kg | | J J |
| 42493 | 4 | | | | | 7440-21-3 | 100 | | mg/kg | | J |
| | | | | | | | 100 | | | ! | |

| | Ta | ble A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | suits for Su | bsurface Soils | Less Tha | n 6 Feet | - Metals | |
|-------------------|---------------|---------|---|------------------|---|------------------------|--|---|-----------------------------------|-------------|--|
| \$-7 9 () | | · 1789 | 1 - A | | | | 10 mm 10 mm | 100 | . ² 1. 4 3 | LAB | *** ********************************* |
| LOCATION | | | | SAMPLE | | | | le/ | | RESULT | VALIDATION |
| CODE | START | | CODE | | Analyte | CAS NO | A CARROLL SERVICE AND ADDRESS OF THE PARTY O | Annual Section of the section of the section of | This with the same of the same of | QUALIFIER | QUALIFIER |
| 42593 | 0 | ··· | | BH40446AE | SILICON | 7440-21-3 | 100 | | | N | J |
| 42593 | 0 | | | | | 7440-21-3 | 100 | | | N | J |
| 42593 | 0 | | | | | 7440-21-3 | 100 | | | N | J |
| 42593 | <u>4</u> 0 | | FT | | | 7440-21-3 7440-21-3 | 100 | | mg/kg mg/kg | N | iJ IJ |
| 43393 | - 6 | | | | | 7440-21-3 | 100 | | mg/kg | | J |
| 43393 | <u>o</u> | | | | | 7440-21-3 | 100 | | mg/kg | | J |
| 43393 | . 0 | | ~ | | | 7440-21-3 | 100 | | mg/kg | | Ĵ |
| 43393 | 5 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | BH40517AE | | 7440-21-3 | 100 | | mg/kg | | J |
| 43693 | 0 | . 2 | FT | BH40518AE | | 7440-21-3 | 100 | | mg/kg | * | J |
| 43693 | 0 | 4 | FT | BH40519AE | SILICON | 7440-21-3 | 100 | 773 | mg/kg | • | J |
| 43693 | 0 | | | | | 7440-21-3 | 100 | | mg/kg | • | J |
| 45793 | 0 | | | | | 7440-21-3 | 100 | | mg/kg | | J j |
| 42493 | 5 | | | | | 7440-21-3 | 100 | | | | J |
| 05093 | 0 | | | | | 7440-22-4 | 10 | | | | V |
| 05193 | 0 | | | | | 7440-22-4 | 10 | | | | J |
| 05393 | 0 | | | | | 7440-22-4 | 10 | | | | <u>V</u> |
| 48195 48195 | 0 2 | | FT | | | 7440-22-4 7440-22-4 | 0.81 0.81 | | | B B | Z |
| 48195 | 4 | | | | | 7440-22-4 | 0.81 | | | U | Z |
| 48295 | 0 | | | BH00103PE | SILVER | 7440-22-4 | 0.41 | | | U | Z |
| 48295 | 2 | | | | | 7440-22-4 | 0.41 | | | U | Z |
| 48295 | 4 | | | | | 7440-22-4 | 0.42 | | | Ŭ | Z |
| 48395 | 0 | | | | | 7440-22-4 | 0.93 | | | В | Z |
| 48395 | 2 | | <u></u> | BH00108PE | | 7440-22-4 | 0.93 | | | В | Z |
| 48395 | 4 | 5 | FT | BH00109PE | SILVER | 7440-22-4 | 0.42 | | | U | Z |
| 44593 | 0 | 6 | FT | BH40001AE | SILVER | 7440-22-4 | 2.3 | 2.3 | mg/kg | UN. | J |
| 40893 | 0 | | | BH40030AE | SILVER | 7440-22-4 | 2.2 | 2.2 | mg/kg | UN | J |
| 44393 | 0 | | | | SILVER | 7440-22-4 | 2 | | | UN | J |
| 41193 | 0 | | | | | 7440-22-4 | 2 | | | UN | J |
| 41993 | 0 | | | | | 7440-22-4 | 2 | | | | J |
| 43893 | 0 | | | | | 7440-22-4 | 2 | | | UN | J |
| 40293 40393 | 0 0 | | | | SILVER SILVER | 7440-22-4 7440-22-4 | 2 | | | | J |
| 42993 | 1 | ~ | | | | 7440-22-4 | 2 | | | | J |
| 40793 | 0 | | | | | 7440-22-4 | 10 | | | | V |
| 40093 | 0 | | | | SILVER | 7440-22-4 | 2 | | | | J |
| 44893 | 0 | | | | | 7440-22-4 | 2 | | | | J |
| 41293 | 0 | 3 | FT | BH40196AE | SILVER | 7440-22-4 | 10 | | | | V |
| 4 0993 | 0 | | | | | 7440-22-4 | 10 | 2.2 | mg/kg | UN | V |
| 41693 | 0 | 5 | | BH40217AE | | 7440-22-4 | 2 | 2.3 | mg/kg | UN | J i |
| 41793 | 0 | | | | *************************************** | 7440-22-4 | 2 | | | | J |
| 42293 | 1 | | | | SILVER | 7440-22-4 | 10 | | | | J |
| 42393 | 0 | | | | SILVER | 7440-22-4 | 2 | | | | J |
| 43193 | 0 | | | | | 7440-22-4 | 2 | | | ~~ | J |
| 43493 43493 | 0 5 | | | | | 7440-22-4 7440-22-4 | 10 10 | | | | J |
| 43793 | 0 | | | | | 7440-22-4 | 10 | | | | y |
| 44093 | 0 | | | | | 7440-22-4 | 2 | | | |) |
| 43993 | 0 | | | | | 7440-22-4 | 2 | | | | J |
| 45693 | 0 | | | | | 7440-22-4 | 10 | | | | J |
| 45893 | 0 | | FT | BH40377AE | | 7440-22-4 | 10 | | | | V |
| 46193 | . 0 | | FT | BH40385AE | SILVER | 7440-22-4 | 10 | | | UN | V |
| 40793 | 0 | | | BH40413AE | SILVER | 7440-22-4 | 10 | 2.4 | mg/kg | UN | V |
| 41593 | 0 | | | | | 7440-22-4 | 10 | | | | V |
| 41593 | 2 | | | | | 7440-22-4 | 10 | | | | J |
| 41593 | 4 | | | | | 7440-22-4 | 10 | | | | J |
| 42193 | 0 | | | | | 7440-22-4 | 10 | | | | J |
| 42193 42193 | 0 | | | | | 7440-22-4 | 10 | | | | 1 |
| 42193 42493 | 0 | | | | | 7440-22-4 7440-22-4 | 10 | | | | J |
| 42493 | 0 | | | | | 7440-22-4 7440-22-4 | 10 10 | | | | V |
| 42493 | 0 | | | | | 7440-22-4 | 10 | | | | `` |
| 42493 | 4 | | | | | 7440-22-4 | 10 | | | | v |
| 42593 | O) | | | | · · · · · · · · · · · · · · · · · · · | 7440-22-4 | 10. | | | | v i |
| 42593 | 0 | 4 | FT | | | 7440-22-4 | 10 | | | | V |
| 42593 | 0 | | FT | | | 7440-22-4 | 10 | | | | V |

| · · · · · · · · · · · · · · · · · · · | Та | ble A.6 Solar E | vaporation Ponds | AOC - Analytical R | esults for Sul | bsurface Soils | Less Than 6 Feet | - Metals | |
|---------------------------------------|-----------|-----------------|--------------------------------|--------------------|------------------------|--|--------------------------|---|------------|
| - 10 M | | W W W | 學不能必 | ·安蒙蒙 | 100 A | (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | 三秦 重州後子 | LAB | \$ 4 C |
| A Same Transfer | | DEPTH UNIT | SAMPLE NUMBER | Analyte | CACNO | DETECTION | RESULT UNITS | RESULT | VALIDATION |
| CODE 42593 | START 4 | 8 FT | BH40449AE | SILVER | 7440-22-4 | 10 | | - nee material a productive design surport of | V |
| 42093 | 0 | | | SILVER | 7440-22-4 | 2 | | IUN | J |
| 43393 | 0, | | BH40510AE | SILVER | 7440-22-4 | 10 | 2.3 mg/kg | UN | J |
| 43393 | 0 | | | SILVER | 7440-22-4 | 10 | | UN | J |
| 43393 | 0 | 5 FT | BH40512AE | SILVER | 7440-22-4 | 10 | | UN | J |
| 43393 43693 | 5 0 | 8 FT 2 FT | | SILVER SILVER | 7440-22-4 | 10 | | UN | J V |
| 43693 | 0 | | | ISILVER | 17440-22-4 | 10 | | UN | V |
| 43693 | 0 | | | SILVER | 17440-22-4 | 10 | | UN | V |
| 45793 | 0 | | | SILVER | 7440-22-4 | 10 | | UN | J |
| 46593 | 1 | 3 FT | | SILVER | 7440-22-4 | 2 | | U | V |
| 46593 | 3 | 5 FT | BH40702AE | SILVER | 7440-22-4 | 2 | | U | V |
| 46593 46593 | 5 5 | 7 FT 9 FT | BH40703AE BH40705AE | SILVER | 7440-22-4 | 2 | | U | V V |
| 46693 | 0 | 2 FT | BH40715AE | SILVER | 7440-22-4 | 2 | | | V |
| 46693 | 2 | | | SILVER | 7440-22-4 | 2 | | Ü | V |
| 46693 | 5 | | | SILVER | 7440-22-4 | 2 | 0.64 mg/kg | U | V |
| 46793 | 0 | | | SILVER | 7440-22-4 | 2 | 0.68 mg/kg | U | V |
| 46793 | 2 | | BH40731AE | SILVER | 7440-22-4 | 2 | | U | V |
| 46793 | 4 | | | SILVER | 7440-22-4 | 2 | | U | V |
| 46893 46893 | 2 | 2 FT 5 FT | BH40743AE BH40745AE | SILVER SILVER | 7440-22-4 | 2 | | U | V |
| 46993 | 1 | | | SILVER | 7440-22-4 | 2 | | U | V |
| 46993 | 3 | | BH40759AE | SILVER | 7440-22-4 | 2 | | Ū | V |
| 47093 | 1 | | BH40771AE | SILVER | 7440-22-4 | 10 | | IU | V |
| 47093 | 3 | | BH40773AE | SILVER | 7440-22-4 | 10 | | U | V |
| 47093 | 5 | | IBH40774AE | SILVER | 7440-22-4 | 10 | | U | V |
| P207589 P207589 | 0 | | SEP0389BR0003 | | 7440-22-4 | 2.3 | | U | V |
| P207589 P208889 | 3 0 | 9 FT 4 FT | SEP0389BR0309 SEP1689BR0004 | | 7440-22-4 | 2.2 | | U | V |
| P208989 | 3 | | SEP1789BR0309 | | 7440-22-4 | 2 | | | A |
| P209089 | 0 | | SEP1889BR0003 | | 7440-22-4 | 2.2 | | Ü | |
| P209089 | 4 | 9 FT | SEP1889BR0309 | SILVER | 7440-22-4 | 2 | 0.96 mg/kg | UJ | A |
| P209189 | 0 | | SEP1989BR0003 | | 7440-22-4 | 2.2 | 2.7 mg/kg | | |
| P209189 | 3 | | SEP1989BR0309 | | 7440-22-4 | 2 | | | Α |
| P209489 P209489 | 3 | 3 FT 7 FT | SEP2289BR0003 SEP2289BR0307 | | 7440-22-4 7440-22-4 | 2.2 | 2.2 mg/kg 0.53 mg/kg | J | Α |
| P209589 | 0 | | SEP2389BR0004 | | 7440-22-4 | 2 | 0.98 mg/kg | | Ä |
| P209589 | 4 | | SEP2389BR0410 | | 7440-22-4 | 2 | | | A |
| P209889 | 0 | 4 FT | SEP2689BR0004 | SILVER | 7440-22-4 | 2 | 0.66 mg/kg | J | Α |
| P210189 | 0 | | SEP3089BR0003 | | 7440-22-4 | 2.5 | 5.2 mg/kg | | |
| P210189 | 3 | | SEP3089BR0309 | | 7440-22-4 | 2 | | | <u>V</u> |
| P210289 P210289 | 3 | 3 FT 5 FT | SEP3189BR0003 SEP3189BR0306 | | 7440-22-4 | 2.5 | | J | A |
| 42493 | 5 | | | | 7440-22-4 | 10 | | | V |
| 46593 | 7 | | SS40140AE | SILVER | 7440-22-4 | 2 | | | v |
| 46993 | 10 | 16 IN | SS40144AE | SILVER | 7440-22-4 | 2 | 0.96 mg/kg | U | V |
| 05093 | 0 | | BH00061AE | SODIUM | 7440-23-5 | 1000 | 220 mg/kg | | V |
| 05193 | 0 | | BH00066AE | SODIUM | 7440-23-5 | 1000 | | | J |
| 05393 48195 | 0 | | BH00076AE BH00101PE | SODIUM | 7440-23-5 7440-23-5 | 1000 | 216 mg/kg 3880 mg/kg | U | V |
| 48195 | 2 | | | SODIUM | 7440-23-5 | | 1920 mg/kg | | Z |
| 48195 | 4 | | BH00103PE | SODIUM | 7440-23-5 | | 731 mg/kg | | Z |
| 48295 | 0 | | | SODIUM | 7440-23-5 | | 3550 mg/kg | | Z |
| 48295 | 2 | | BH00105PE | SODIUM | 7440-23-5 | | 1320 mg/kg | | Z |
| 48295 | 4 | | | SODIUM | 7440-23-5 | | | В | Z |
| 48895 | 0 | | | SODIUM | 7440-23-5 | | 2380 mg/kg | | Z |
| 48395 48395 | 2 | | | SODIUM | 7440-23-5 7440-23-5 | | 4430 mg/kg 1770 mg/kg | | Z Z |
| 44593 | 0 | | | SODIUM | 7440-23-5 | 2267.6 | | U | <u>Z</u> |
| 40893 | 0 | | | SODIUM | 7440-23-5 | 2194.4 | | | V |
| 44393 | 0 | 5 FT | BH40033AE | SODIUM | 7440-23-5 | 1083 | 217 mg/kg | U | V |
| 41.193 | 0 | | | SODIUM | 7440-23-5 | 1159 | 232 mg/kg | U | V |
| 41993 | 0 | | | | 7440-23-5 | 1101 | | | V |
| 43893 40293 | 0 | | | | 7440-23-5 | 1203 | | | V |
| 40293 | 0 | | | | 7440-23-5 7440-23-5 | 2424 1168 | | | V V |
| .,,,,,, | <u>U1</u> | J 1 | , DI ITU IZUAL | ,000,0141 | 1, 770-20-0 | 1 100 | ZUT;IIIg/Ng | | · . |

| | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | esults for Sul | surface Soils | Less Tha | an 6 Fee | t - Metals | |
|----------------|----------------|-----------------------|-------------|------------------------|---------------------|---|---------------|---------------|----------------|---|---------------|
| LOCATION | DEPTH START | | | | A-01-40 | 1 · · · · · · · · · · · · · · · · · · · | DETECTION | A S | N. TO | LAB PRESULT ® | VALIDATION |
| 42993 | 1 3 1 AM 1 | * houseness the terms | FT | NUMBER BH40141AE | Analyte SODIUM | CAS:NO: 7440-23-5 | LIMIT. 2339 | RESULT 863 | mg/kg | t g an earth a common atomicina an albeig | QUALIFIER |
| 40793 | Ö | | FT | BH40157AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | | V |
| 40093 | 0 | . 6 | FT | BH40167AE | SODIUM | 7440-23-5 | 1171 | | mg/kg | | ٧ |
| 44893 | 0 | | | BH40188AE | SODIUM | 7440-23-5 | 1155 | 231 | img/kg | ĮŪ | V |
| 41293 | 0 | | FT | BH40196AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | | V |
| 40993 | 0 | | | BH40201AE | ISODIUM | 7440-23-5 | 1000 | | | | V |
| 41693 | 0 | | | BH40217AE BH40243AE | ISODIUM ISODIUM | 7440-23-5 7440-23-5 | 1168 1099 | 394 | mg/kg mg/kg | · - | V V |
| 42293 | 1 | | FT | BH40253AE | SODIUM | 7440-23-5 | 1000 | 230 | mg/kg | ļ- | J |
| 42393 | Ö | | FT | BH40261AE | ISODIUM | 7440-23-5 | 2153 | 215 | | | v |
| 43193 | 0 | 5 | FT | BH40306AE | SODIUM | 7440-23-5 | 1183 | | mg/kg | | V |
| 43493 | 0 | | | BH40319AE | SODIUM | 7440-23-5 | 1000 | | | U | J |
| 43493 | 5 | | FT | BH40322AE | SODIUM | 7440-23-5 | 1000 | | | · | J |
| 43793 | 0 | | FT | BH40332AE | SODIUM | 7440-23-5 | 1000 | 240 | | | V |
| 44093 43993 | 0 | | FT | BH40348AE | SODIUM | 7440-23-5 | 1205 | | mg/kg | | V |
| 45693 | 0 | | | BH40353AE BH40374AE | SODIUM | 7440-23-5 7440-23-5 | 1163 1000 | | mg/kg mg/kg | | V |
| 45893 | 0 | | | BH40377AE | | 7440-23-5 | 1000 | | | | V |
| 46193 | 0 | | | BH40385AE | | 7440-23-5 | 1000 | | mg/kg | | J |
| 40.793 | 0 | | | BH40413AE | | 7440-23-5 | 1000 | 240 | mg/kg | | V |
| 41593 | 0, | | FT | BH40417AE | SODIUM | 7440-23-5 | 1000 | 5650 | mg/kg | | J |
| 41593 | 2 | | | BH40418AE | | 7440-23-5 | 1000 | 3050 | mg/kg | | J |
| 41593 | 4 | | | BH40419AE | SODIUM | 7440-23-5 | 1000 | 1430 | mg/kg | | J |
| 42193 42193 | 0 | | | BH40425AE BH40426AE | SODIUM SODIUM | 7440-23-5 | 1000 | 3170 | mg/kg | | V |
| 42193 | 0 | | | BH40427AE | | 7440-23-5 7440-23-5 | 1000 | 2070 | mg/kg mg/kg | | V V |
| 42493 | 0 | | | BH40438AE | | 7440-23-5 | 1000 | 705 | | | J |
| 42493 | 0 | | | BH40439AE | SODIUM | 7440-23-5 | 1000 | 531 | mg/kg | | J |
| 42493 | 0 | 5 | FT | BH40440AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | | J |
| 42493 | 4 | | | BH40441AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | U | J |
| 42593 | 0 | | | BH40446AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | <u> </u> | V |
| 42593 42593 | 0 | | · | BH40447AE | SODIUM | 7440-23-5 | 1000 | | | | V |
| 42593 | 0 4 | | | BH40448AE BH40449AE | | 7440-23-5 7440-23-5 | 1000 | | | | V V |
| 42093 | 0 | | | BH40483AE | SODIUM | 7440-23-5 | 1078 | 216 | | | <u>v</u> |
| 43393 | 0 | | | BH40510AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | | v |
| 43393 | 0 | 4 | FT | BH40511AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | | v · |
| 43393 | 0 | | | BH40512AE | SODIUM | 7440-23-5 | 1000 | 2070 | mg/kg | | V |
| 43393 | 5 | | | BH40517AE | | 7440-23-5 | 1000 | | mg/kg | | V |
| 43693 43693 | 0 | | | BH40518AE | | 7440-23-5 | 1000 | | mg/kg | | <u> </u> |
| 43693 | 0 | | | BH40519AE BH40520AE | | 7440-23-5 7440-23-5 | 1000 1000 | 3130 | mg/kg mg/kg | | <u>J</u> |
| 45793 | 0 | | | BH40557AE | | 7440-23-5 | 1000 | | mg/kg mg/kg | | J V |
| 46593 | 1 | | | BH40700AE | SODIUM | 7440-23-5 | 1000 | | mg/kg | | v |
| 46593 | 3 | 5 | | | | 7440-23-5 | 1000 | | mg/kg | | v |
| 46593 | 5 | | FT | BH40703AE | SODIUM | 7440-23-5 | 1000 | | | В | V |
| 46593 | 5. | | | BH40705AE | | 7440-23-5 | 1000 | 913 | | | V |
| 46693 | 0 | | | | | 7440-23-5 | 1000 | 10200 | | | V |
| 46693 46693 | 2 5 | | | BH40717AE BH40718AE | | 7440-23-5 | 1000 | | mg/kg | | V |
| 46793 | 0 | | | BH40729AE | | 7440-23-5 7440-23-5 | 1000 | | mg/kg mg/kg | | V V |
| 46793 | 2 | | | BH40731AE | | 7440-23-5 | 1000 | | mg/kg mg/kg | | v V |
| 46793 | 4 | | | BH40732AE | | 7440-23-5 | 1000 | | mg/kg | | <u>v</u> V |
| 46893 | 0 | 2 | FT | BH40743AE | | 7440-23-5 | 1000 | | | | <u>v</u> |
| 46893 | 2 | | | BH40745AE | | 7440-23-5 | 1000 | 510 | mg/kg | В | V |
| 46993 | 1 | | | BH40757AE | | 7440-23-5 | 1000 | | mg/kg | | V |
| 46993 | 3 | | | BH40759AE | | 7440-23-5 | 1000 | | | | V |
| 47093 47093 | 1 3 | | | BH40771AE BH40773AE | | 7440-23-5 | 5000 | | mg/kg mg/kg | | <u>V</u> |
| 47093 | 5 | | | | | 7440-23-5 7440-23-5 | 5000 5000 | | | | v V |
| P207589 | 0 | | | SEP0389BR0003 | | 7440-23-5 | 1170 | | mg/kg | | <u> </u> |
| P207589 | 3 | 9 | FT | SEP0389BR0309 | | 7440-23-5 | 2000 | | | | v |
| P208889 | 0 | | FT | SEP1689BR0004 | SODIUM | 7440-23-5 | 1090 | 2670 | mg/kg | | |
| P208889 | 4 | | | SEP1689BR0410 | | 7440-23-5 | 2000 | | mg/kg | | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7440-23-5 | 2000 | | | | V |
| P209089 | 0 | | | SEP1889BR0003 | | 7440-23-5 | 1110 | | | U | |
| P209089 | 4 | 9 | FT | SEP1889BR0309 | PODIOM | 7440-23-5 | 2000 | 671 | mg/kg | U]' | V |

| Į | | Т | abie A.6 S | Solar E | vaporation Ponds | AOC - Analytical Re | esults for Sul | bsurface Soils | Less Tha | n 6 Feet | - Metals | |
|------|--------------------------|---------|-------------|----------|---|------------------------|--------------------------|----------------|-------------|----------------|---------------|---------------|
| ۱. | LOCATION | DEDTU | DEBTU | HADT | SAMO | | | DETECTION | | . 3 | LAB RESULT | VALIDATION |
| | CODE | START | E : 5:1 | | | Analyte | CAS NO | LIMIT | 57.32 | UNITS | QUALIFIER | QUALIFIER |
| - 4 | P209189 | 0 | 3 | FT | SEP1989BR0003 | SODIUM | 7440-23-5 | 1110 | 1110 | mg/kg | U | |
| | P209189 P209489 | 3 | · | | SEP1989BR0309 SEP2289BR0003 | | 7440-23-5 7440-23-5 | 2000 | | mg/kg mg/kg | U | A |
| • | P209489 | 3 | | | SEP2289BR0307 | | 7440-23-5 | 2000 | | | | V |
| | P209589 | 0 | | | SEP2389BR0004 | SODIUM | 7440-23-5 | 2000 | 1570 | mg/kg | | ٧ |
| | P209589 P209889 | 4 | | | SEP2389BR0410 SEP2689BR0004 | | 7440-23-5 7440-23-5 | 2000 | | mg/kg mg/kg | | V |
| - 7 | P209889 | 4 | · | | SEP2689BR0410 | | 7440-23-5 | 2000 | | mg/kg | | V |
| - + | P210189 | 0 | | | SEP3089BR0003 | | 7440-23-5 | 1250 | 2410 | mg/kg | | |
| | P210189 P210289 | 0 | | | SEP3089BR0309 SEP3189BR0003 | | 7440-23-5 7440-23-5 | 2000 1250 | | mg/kg mg/kg | U | V |
| | P210289 | 3 | | | SEP3189BR0306 | | 7440-23-5 | 2000 | | | | V |
| - | 42493 | 5 | | IN | SS40083AE | SODIUM | 7440-23-5 | 1000 | | | | V |
| - 1- | 46593 46993 | 7 10 | | IN IN | SS40140AE SS40144AE | SODIUM | 7440-23-5 7440-23-5 | 1000 | | mg/kg mg/kg | | V V |
| ١. | 05093 | 0 | | | BH00061AE | STRONTIUM | 7440-24-6 | 5 | | | | J |
| | 05193 | 0 | | | BH00066AE | STRONTIUM | 7440-24-6 | 5 | | mg/kg j | | J |
| | 05393 48195 | 0 | | FT FT | BH00076AE BH00101PE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | 5 | 172 21 A | mg/kg mg/kg | В | J Z |
| : [| 48195 | 2 | 4 | FT | BH00102PE | STRONTIUM | 7440-24-6 | | 17.8 | | В | Z |
| | 48195 48205 | 4 | | | | STRONTIUM | 7440-24-6 | | | | В . | <u>Z</u> |
| - | 48295 48295 | 0 2 | | | BH00104PE BH00105PE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | | · | | B B | Z Z |
| - 1. | 48295 | 4 | | | | STRONTIUM | 7440-24-6 | | | | В | Z |
| - 6 | 48395 | 0 | | | | STRONTIUM | 7440-24-6 | | | | В | Z |
| | 48395 48395 | 2 | | | BH00108PE BH00109PE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | | | | B B | Z |
| - | 44593 | 0 | | | | STRONTIUM | 7440-24-6 | 45.4 | | | | <u>Z</u> J |
| - | 40893 | 0 | | | | | 7440-24-6 | 43.9 | 108 | mg/kg | | J |
| ٠. | 44393 41193 | 0 | | | | | 7440-24-6 7440-24-6 | 43 46 | | mg/kg | | J |
| _ | 41993 | 0 | | | *************************************** | | 7440-24-6 | 46 | | | | <u>J</u> |
| - 5- | 43893 | 0 | | FT | BH40070AE | STRONTIUM | 7440-24-6 | 48 | | | | j |
| - | 40293 40393 | 0 | | | | | 7440-24-6 | 48 | | | | J |
| - | 42993 | 1 | | | | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | 47 47 | | | | J J |
| - :- | 40793 | 0 | | FT | BH40157AE | STRONTIUM | 7440-24-6 | 5 | | | | J |
| 7. | 40 <u>093</u> 44893 | 0 | <u></u> | | BH40167AE BH40188AE | | 7440-24-6 | 47 | | mg/kg | | J |
| ٠, | 41293 | 0 | | | BH40196AE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | 46 5 | | mg/kg mg/kg | ~~~~ | J J |
| | 40993 | 0 | 5 | FT | BH40201AE | | 7440-24-6 | 5 | | mg/kg | | J |
| | 41693 | 0 | | | BH40217AE | | 7440-24-6 | 47 | | mg/kg | | J |
| - | 41793 42293 | 0 1 | | | BH40243AE BH40253AE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | 44 5 | | mg/kg mg/kg | ·· | J J |
| i | 12393 | 0 | 5 | FT | BH40261AE | STRONTIUM | 7440-24-6 | 43 | | mg/kg | В | J |
| | 13193 13493 | 0 | | | | | 7440-24-6 | 47 | 76.1 | mg/kg | | J |
| - | 13493 13493 | 0 5 | | | | | 7440-24-6 7440-24-6 | 5 5 | 98.4 | mg/kg mg/kg | | J J |
| | 43793 | 0 | 5 | FT | BH40332AE | STRONTIUM | 7440-24-6 | 5 | 23.8 | mg/kg | | J |
| | 14093 | 0 | | | | | 7440-24-6 | 48 | 104 | mg/kg | | J |
| - | \$39 <u>93</u> \$5693 | 0 | | | | | 7440-24-6 7440-24-6 | 47 5 | 124 | mg/kg mg/kg | | J J |
| Ē | 15893 | 0 | 5 | FT | | | 7440-24-6 | 5 | 30.5 | mg/kg | | J |
| | 16193 | 0 | | | | STRONTIUM | 7440-24-6 | 5 | 84.3 | mg/kg | | J |
| | 10793 11593 | 0 | | | | | 7440-24-6 7440-24-6 | 5 5 | | mg/kg mg/kg | | J J |
| 1 | 11593 | 2 | | | | | 7440-24-6 | , 5 5 | | mg/kg mg/kg | | <u>J</u> J |
| | 1693 | 4 | | | BH40419AE | STRONTIUM | 7440-24-6 | 51 | 76.4 | mg/kg | • | J |
| - | 12193 12193 | 0 | | | | | 7440-24-6 | 5 | | | | J |
| - | 2193 | 0, | | | | | 7440-24-6 7440-24-6 | 5 5 | | | | J |
| 1 | 2493 | 0 | 2 | FT | BH40438AE | STRONTIUM | 7440-24-6 | 5 | 125 | mg/kg | | J |
| - | 12493 12493 | 0 | | | | | 7440-24-6 | 5 | 185 | mg/kg | | J . |
| | 2493 | 0 4 | | | | | 7440-24-6 7440-24-6 | 5 5 | 13.6 | mg/kg mg/kg | | J J |
| 1 | 2593 | 0 | 2 | FT | BH40446AE | STRONTIUM | 7440-24-6 | 5 | 28.1 | mg/kg | | J |
| 4 | 2593 | 0 | 4 | FT | BH40447AE | STRONTIUM | 7440-24-6 | 5 | | | | J |



| i | Т | able A.6 S | Solar E | vaporation Ponds | AOC - Analytical Re | esults for Su | bsurface Soils | Less Th | | t - Metals | |
|--------------------|---------------|-------------|----------|--------------------------------|---------------------------------------|----------------------------|----------------|---------|----------------|---|---|
| LOCATION | DEDTH | DEDTH | LIMIT | CANDIE | | 3 % 4 | DETECTION | 1000 | 3. 3 | LAB | VALUDATION |
| CODE | | | | SAMPLE NUMBER ** | Analyte *** | CAS NO | DETECTION | RESULT | UNITS | RESULT | VALIDATION QUALIFIER |
| 42593 | 0 | | FT | BH40448AE | STRONTIUM | 7440-24-6 | 5 | | mg/kg | В | J |
| 42593 | 4 | | FT | BH40449AE | STRONTIUM | 7440-24-6 | 5 | | | В | J |
| 42093 | 0 | | FT | BH40483AE | STRONTIUM | 7440-24-6 | 43 | | mg/kg | | IJ |
| 43393 | 1 0 | | FT FT | BH40510AE BH40511AE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | 5 | | mg/kg mg/kg | | J |
| 43393 | 0 | | FT | BH40512AE | | 7440-24-6 | 5 | | mg/kg | · | J J |
| 43393 | 5 | | FT | BH40517AE | · | 7440-24-6 | 5 | | mg/kg | , , , , , , , , , , , , , , , , , , , | J |
| 43693 | 0 | | FT | BH40518AE | | 7440-24-6 | 5 | | mg/kg | <u> </u> | IJ |
| 43693 | 0 | | FT | BH40519AE | · | 7440-24-6 | 5 | | mg/kg | | J |
| 43693 | 0 | | FT FT | BH40520AE BH40557AE | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | j 5 | | | · | IJ |
| 46593 | 1 | | FT | BH40700AE | STRONTIUM | 7440-24-6 | 40 | | mg/kg mg/kg | В | J |
| 46593 | 3 | | FT | BH40702AE | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46593 | 5 | | FT | BH40703AE | STRONTIUM | 7440-24-6 | 40 | | mg/kg | } | J |
| 46593 | 5 | | FT | BH40705AE | STRONTIUM | 7440-24-6 | 40 | 9.5 | mg/kg | В | J |
| 46693 | 0 | | | | | 7440-24-6 | 40 | | | | J |
| 46693 46693 | 5 | | | BH40717AE BH40718AE | STRONTIUM | 7440-24-6 7440-24-6 | 40 | | | | J |
| 46793 | 0 | | | | STRONTIUM | 7440-24-6 | 40 40 | | mg/kg mg/kg | | J J |
| 46793 | 2 | | | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46793 | 4 | 6 | | BH40732AE | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46893 | 0 | | | | STRONTIUM | 7440-24-6 | 40 | 52.4 | mg/kg | | J |
| 46893 | 2 | | | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | ···· | J |
| 46993 46993 | 3 | | | | STRONTIUM | 7440-24-6 | 40 | | | | IJ |
| 47093 | 1 | | | | STRONTIUM STRONTIUM | 7440-24-6 7440-24-6 | 200 | | | | J |
| 47093 | 3 | | | BH40773AE | | 7440-24-6 | 200 | | mg/kg | | J |
| 47093 | 5 | | | BH40774AE | | 7440-24-6 | 200 | | | | J |
| P207589 | 0 | | ~~~~ | SEP0389BR0003 | | 7440-24-6 | 234 | | mg/kg | | |
| P207589 | 3 | | | SEP0389BR0309 | | 7440-24-6 | 40 | | mg/kg | | V |
| P208889 | <u>0</u> 4 | | | SEP1689BR0004 | | 7440-24-6 | 218 | | | U | |
| P208989 | 3 | | | SEP1689BR0410 SEP1789BR0309 | | 7440-24-6 7440-24-6 | 40 40 | 2/8 | mg/kg mg/kg | | V V |
| P209089 | 0 | | | SEP1889BR0003 | | 7440-24-6 | 222 | | | Ū | <u> </u> |
| P209089 | 4 | 9 1 | | SEP1889BR0309 | | 7440-24-6 | 40 | 247 | | | V |
| P209189 | 0 | | | SEP1989BR0003 | · · · · · · · · · · · · · · · · · · · | 7440-24-6 | 222 | 222 | mg/kg | U | |
| P209189 | 3 | | | SEP1989BR0309 | | 7440-24-6 | 40 | | | | V |
| P209489 P209489 | <u>0</u> 3 | | | SEP2289BR0003 SEP2289BR0307 | · | 7440-24-6 7440-24-6 | 222 | 222 | | <u>U</u>) | |
| P209589 | 0 | | | SEP2389BR0004 | | 7440-24-6 | 40 10 | 250 | | | A V |
| P209589 | 4 | | | SEP2389BR0410 | | 7440-24-6 | 40 | 232 | | | v |
| P209889 | 0 | 4 1 | | SEP2689BR0004 | | 7440-24-6 | 40 | | | | Ÿ |
| P209889 | 4 | | | SEP2689BR0410 | | 7440-24-6 | 40 | | | U | V |
| P210189 P210189 | 0 | | | SEP3089BR0003 | | 7440-24-6 | 25 | | mg/kg | | |
| P210289 | 3 0 | | | SEP3089BR0309 SEP3189BR0003 | | 7440-24-6 7440-24-6 | 40 250 | | mg/kg mg/kg | U | V . |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-24-6 | 40 | 231 | | | v |
| 42493 | 5 | | | | | 7440-24-6 | 5 | | | | J |
| 46593 | 7 | | | | STRONTIUM | 7440-24-6 | 40 | | | | J |
| 46993 | 10 | | | | | 7440-24-6 | 40 | 21 | | | J |
| 05093 05193 | 0 | | | | | 18496-25-8 | 10.6 | 11.7 | | | <u>v</u> |
| 05393 | 0 | | | | SULFIDE SULFIDE | 18496-25-8 18496-25-8 | 10.6 10.6 | | | | V V |
| 40893 | 0 | | | | SULFIDE | 18496-25-8 | 10.0 | | | | v V |
| 44393 | 0 | | | | | 18496-25-8 | 10.4 | | | | v |
| 41193 | 0 | 6 f | FT | BH40049AE | SULFIDE | 18496-25-8 | 10.6 | 11.8 | mg/kg | U | J |
| 41993 | 0 | | | | | 18496-25-8 | 10.7 | | | | V |
| 43893 40293 | 0 | | | | | 18496-25-8 | 10.5 | | | | V |
| 40393 | 0 | | | | | 18496-25-8 18496-25-8 | 10.4 | | | | V J |
| 42993 | 1 | | | | | 18496-25-8 | 10.4 | | | | <u>, </u> |
| 40793 | 0 | 5 F | FT | | | 18496-25-8 | 10.6 | | mg/kg | | • |
| 40093 | 0 | | | BH40167AE | SULFIDE | 18496-25-8 | 10.7 | 13 | mg/kg | U j | V |
| 44893 | 0 | | | | | 18496-25-8 | 10.6 | 12 | mg/kg | | V |
| 41293 40993 | 0 | | | | | 18496-25-8 | 10.2 | | | U | |
| 41693 | 0 0 | | | | SULFIDE SULFIDE | 18496-25-8 18496-25-8 | 10.5 10.2 | 16.7 | mg/kg mg/kg | U | V |
| .,,500 | | J; r | <u> </u> | U. 1702 11 AL | JOEI IOL J | 10730-20-0 | 10.2 | 13.3 | 1119/K9 | <u> </u> | |

| | | | | | AOC - Analytical Re | | | | | - Metals | |
|--------------------|---------------|--------------|--------------|--------------------------------|----------------------|--------------------------|--------------|------------|----------------|---------------------|----------------------|
| LOCATION | CCT. | | | * *** | | 3 4 40 | * | 4000 | ** | LAB | · 14 2 2 1 |
| LOCATION | | END | | SAMPLE | Analyte | CAS NO | DETECTION | A division | . 15 July 1875 | RESULT QUALIFIER | VALIDATION QUALIFIER |
| 42293 | 1 | | | | SULFIDE | 18496-25-8 | 10.6 | | | U | J |
| 42393 | C | | | | | 18496-25-8 | 10.6 | | | ` | V |
| 43493 | <u> </u> | | | | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | | V |
| 43493 | 5 | | | BH40322AE | SULFIDE | 18496-25-8 | 10.6 | | | | ٧ |
| 44093 | | | | BH40332AE BH40348AE | SULFIDE SULFIDE | 18496-25-8 | 10.2 | | | íU IU | V |
| 43993 | C | | | BH40353AE | SULFIDE | 18496-25-8 | 10.1 | | | | V |
| 45693 | C | | | BH40374AE | SULFIDE | 18496-25-8 | 10.6 | | | | v . |
| 45893 | C | | | BH40377AE | SULFIDE | 18496-25-8 | 10.6 | | | (U | V |
| 46193 | 0 | | FT | | | 18496-25-8 | 10.4 | | | | V |
| 40793 41593 | 4 | | FT | | | 18496-25-8 | 10.6 | | mg/kg | <u> U</u> | |
| 42193 | 0 | | | | | 18496-25-8 18496-25-8 | 10.6 10.6 | | mg/kg mg/kg | U | V V |
| 42493 | 0 | | | | SULFIDE | 18496-25-8 | 10.4 | | | U | V |
| 42593 | 0 | | FT | | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | Ū | v |
| 42093 | 0 | | , | | SULFIDE | 18496-25-8 | 10.6 | 12.6 | mg/kg | U | V |
| 43393 | 0 | | | | SULFIDE | 18496-25-8 | 10.6 | | | U | V |
| 43693 45793 | 0 | | | | SULFIDE | 18496-25-8 | 10.4 | | | U | V |
| 46593 | 1 | | | BH40557AE BH40786AE | SULFIDE SULFIDE | 18496-25-8 18496-25-8 | 10.6 | | mg/kg mg/kg | | J |
| 46693 | 0 | | | | | 18496-25-8 | 10.4 | | mg/kg mg/kg | | J |
| 46793 | Ō | | + | | SULFIDE | 18496-25-8 | 10.6 | | | | J |
| 46893 | 0 | 7 | FT | BH40804AE | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | | V |
| 46993 | 1 | | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| 47093 | 1 | ` | | | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | | V |
| P207589 P207589 | 3 | | · | SEP0389BR0003 SEP0389BR0309 | | 18496-25-8 18496-25-8 | | | | | V |
| P208889 | 0 | | | SEP1689BR0004 | | 18496-25-8 | | | | U | V |
| P208889 | 4 | | | SEP1689BR0410 | | 18496-25-8 | | | | | v |
| P208989 | 3 | 9 | | SEP1789BR0309 | | 18496-25-8 | | | mg/kg | Ú | V |
| P209089 | 0 | | | SEP1889BR0003 | ···· | 18496-25-8 | | 2.2 | mg/kg | | V |
| P209089 | 4 | | · | SEP1889BR0309 | | 18496-25-8 | | | | | ٧ |
| P209189 P209189 | 0 | | | SEP1989BR0003 SEP1989BR0309 | | 18496-25-8 18496-25-8 | | | YY | | V . |
| P209489 | 0 | | | SEP2289BR0003 | | 18496-25-8 | | | | | V |
| P209489 | 3 | | | SEP2289BR0307 | | 18496-25-8 | | | | Ü | ý · |
| P209589 | 0 | 4 | FT | SEP2389BR0004 | SULFIDE | 18496-25-8 | | | | U | V |
| P209589 | 4 | | | SEP2389BR0410 | | 18496-25-8 | | ···· | | U | |
| P209889 P209889 | 0 | | | SEP2689BR0004 | | 18496-25-8 | | | | | A |
| P210189 | <u>4</u> 0 | | | SEP2689BR0410 SEP3089BR0003 | | 18496-25-8 18496-25-8 | | | | | A V |
| P210189 | 3 | | | SEP3089BR0309 | | 18496-25-8 | | | | | V |
| P210289 | 0 | | | SEP3189BR0003 | | 18496-25-8 | | | | | V |
| P210289 | 3 | | | SEP3189BR0306 | | 18496-25-8 | | 2.2 | mg/kg | | V |
| 05093 | 0 | · | | | | 7440-28-0 | 2 | | | | V |
| 05193 05393 | 0 | | | BH00066AE | | 7440-28-0 | 2 | | | | <u>J</u> |
| 48195 | 0 | · | } | BH00076AE BH00101PE | THALLIUM THALLIUM | 7440-28-0 7440-28-0 | 0.79 | | | | V Z |
| 48195 | . 2 | | | | | 7440-28-0 | 0.79 | | | U | Z |
| 48195 | 4 | | | BH00103PE | THALLIUM | 7440-28-0 | 0.81 | 0.81 | mg/kg | U | Ž |
| 48295 | 0 | | | BH00104PE | THALLIUM | 7440-28-0 | 0.86 | 0.86 | mg/kg | U | Z |
| 48295 | 2 | | | | | 7440-28-0 | 0.69 | 0.69 | | U | <u>Z</u> |
| 48295 48395 | 4 | | | BH00106PE | | 7440-28-0 | 0.83 | | | | Z |
| 48395 48395 | 0 2 | | | BH00107PE BH00108PE | THALLIUM THALLIUM | 7440-28-0 7440-28-0 | 0.7 | | | U B | Z Z |
| 48395 | 4 | | | | THALLIUM | 7440-28-0 | 0.7 | 0.31 | | B | Z |
| 44593 | 0 | 6 | | | THALLIUM | 7440-28-0 | 2.3 | 0.23 | | | v |
| 40893 | 0 | | | | | 7440-28-0 | 2.2 | 0.22 | mg/kg | U | V |
| 44393 | 0 | | | | | 7440-28-0 | 2 | | | | j |
| 41193 41993 | 0 | | | | | 7440-28-0 7440-28-0 | 2 | | | | <u>J</u> |
| 43893 | 0 | | | | | 7440-28-0 7440-28-0 | 2 | 0.048 | | | <u>J</u> |
| 40293 | <u>ö</u> | | | | | 7440-28-0 | 2 | | | | <u>v</u> |
| 40,393 | 0 | 5 | FT | | | 7440-28-0 | 2 | | | | j |
| 42993 | 1 | | | | | 7440-28-0 | 2 | 0.23 | mg/kg | | V |
| 40793 | 0 | | | | | 7440-28-0 | 2 | | | | V |
| 40093 | 0 | 6 | FT | BH40167AE | THALLIUM | 7440-28-0 | 2 | 0.23 | mg/kg | U I | J i |



| | Ta | ble A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | osurface Soils | s Less Tha | n 6 Feet | - Metals | |
|--------------------|--------|---|----------|----------------------------------|----------------------|-------------------------|----------------|--------------|----------------|---|--------------|
| I OCATION | | 2 S. W. | A | a company was the company of the | Ansiyte | - The Walkers I | DETECTION | Si diviti | | | VALIDATION |
| CODE | START | * END | CODE | NUMBER | Analyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 44893 | 0; | 5 | FT | BH40188AE | THALLIUM | 7440-28-0 | 2 | | mg/kg | | <u>J</u> |
| 41293 | 0 | | | | | 7440-28-0 | 2 | | | | lv Iv |
| 40993 | 0 | | | | | 7440-28-0 7440-28-0 | 2 | | | UW | J |
| 41693 | 0 | | | | | 7440-28-0 | 2 | | | | J |
| 41793 42293 | 0 1 | | · | | | 7440-28-0 | 2 | | | | J |
| 42393 | 0 | | | | | 7440-28-0 | 2 | | | U | V |
| 43193 | 0 | | | | THALLIUM | 7440-28-0 | 1 2 | | | luw | J |
| 43493 | 0 | | | BH40319AE | THALLIUM | 7440-28-0 | 1 2 | | | UW | J |
| 43493 | 5 | 10 | | | | 7440-28-0 | 2 | | | IUW | J |
| 43793 | 0 | | | | | 7440-28-0 | 2 | | | | IJ IJ |
| 44093 | 0 | | | | THALLIUM | 7440-28-0 7440-28-0 | i 2 1 2 | | | luw luw | J |
| 43993 | 0 | | FT | | THALLIUM THALLIUM | 7440-28-0 | 2 | | | UWN* | J |
| 45693 45893 | 0 | | FT | | | 7440-28-0 | † | | | | iv |
| 46193 | 0 | | FT | | THALLIUM | 7440-28-0 | 2 | | mg/kg | lu | V |
| 40793 | 0 | | FT | | THALLIUM | 7440-28-0 | 2 | | mg/kg | UW | J |
| 41593 | 0 | | FT | BH40417AE | THALLIUM | 7440-28-0 | 2 | } | mg/kg | UW | J · |
| 41,593 | 2 | | FT | | THALLIUM | 7440-28-0 | 2 | | mg/kg | UW | J |
| 41593 | 4 | | FT | | THALLIUM | 7440-28-0 | 2 | | mg/kg | IUW | J |
| 421'93 | 0 | | FT | | THALLIUM | 7440-28-0 | 2 | | mg/kg mg/kg | UWN* | J J |
| 42193 | 0 | | FT | BH40426AE BH40427AE | THALLIUM THALLIUM | 7440-28-0 7440-28-0 | 2 | | mg/kg mg/kg | IOWN* | J |
| 42193 42498 | 0 | | FT | | THALLIUM | 7440-28-0 | | | | U | j · |
| 42493 | 0 | | FT | BH40440AE | THALLIUM | 7440-28-0 | | | | lu | V |
| 42493 | 4 | | FT | BH40441AE | | 7440-28-0 | | | | U | V |
| 42593 | 0 | | FT | BH40446AE | THALLIUM | 7440-28-0 | | | | ĮU | V |
| 42593 | 0 | 4 | FT | BH40447AE | THALLIUM | 7440-28-0 | | | | JU | V |
| 42593 | 0 | | FT | BH40448AE | THALLIUM | 7440-28-0 | | | | IU | IV |
| 42593 | 4 | | FT | | THALLIUM | 7440-28-0 | ļ | | | U | [V |
| 42093 | 0 | <u> </u> | FT | BH40483AE | THALLIUM | 7440-28-0 !7440-28-0 | | | mg/kg mg/kg | luwn• | IV IJ |
| 43393 | 0 | | FT | | | 7440-28-0 | | | mg/kg | UWN* | IJ |
| 43393 . 43393 | 0 | | FT | BH40511AE BH40512AE | | 7440-28-0 | | | mg/kg | IUWN* | J |
| 43393 | 5 | | FT | BH40517AE | | 7440-28-0 | | | mg/kg | UN* | ij |
| 43693 | 0 | | FT | | | 7440-28-0 | | | mg/kg | U | v _ |
| 43693 | 0 | | FT | BH40519AE | THALLIUM | 7440-28-0 | | | mg/kg | U | V |
| 43693 | 0 | | FT | BH40520AE | THALLIUM | 7440-28-0 | | | mg/kg | U | V |
| 45793 | 0 | | FT | BH40557AE | THALLIUM | 7440-28-0 | | | mg/kg | UWN* | IJ |
| 46593 | 1 | | FT | BH40700AE | THALLIUM | 7440-28-0 | | | mg/kg | U | J |
| 46593 | 3 | | FT | BH40702AE | THALLIUM | 7440-28-0 7440-28-0 | | | mg/kg mg/kg | lu lu | J J |
| 46593 46593 | 5 | | FT | BH40703AE BH40705AE | THALLIUM THALLIUM | 7440-28-0 | | | mg/kg | lu lu | J |
| 46693 | 0 | } | FT | BH40715AE | THALLIUM | 7440-28-0 | † | | | IB | IJ |
| 46693 | 2 | | FT | | | 7440-28-0 | | | | U | IJ |
| 46693 | 5 | | FT | BH40718AE | | 7440-28-0 | | | mg/kg | | J |
| 46793 | 0 | 2 | FT | BH40729AE | THALLIUM | 7440-28-0 | | | | | V |
| 46793 | 2 | | FT | BH40731AE | | 7440-28-0 | | | | | IV. |
| 46793 | 4 | | FT | | | 7440-28-0 | | | mg/kg | U |] <u></u> |
| 46893 | 0 | ` | FT | BH40743AE | THALLIUM | 7440-28-0 7440-28-0 | | | mg/kg mg/kg | lu lu | IV IV |
| 46893 46893 | 5 | | FT | BH40745AE BH40746AE | THALLIUM | 7440-28-0 | | | mg/kg | Ü | J |
| 46993 | 1 | | FT | BH40757AE | THALLIUM | 7440-28-0 | | | mg/kg | Ü | j |
| 46993 | 3 | | FT | BH40759AE | THALLIUM | 7440-28-0 | | 0.22 | mg/kg | | v |
| 47093 | 1 | | FT | BH40771AE | THALLIUM | 7440-28-0 | 10 | 0.46 | mg/kg | | V |
| 47093 | 3 | | FT | BH40773AE | THALLIUM | 7440-28-0 | 10 | 0.43 | mg/kg | | V |
| 47093 | . 5 | 7 | FT | | THALLIUM | 7440-28-0 | 10 | | mg/kg | U | IV |
| P207589 | 0 | | FT | SEP0389BR0003 | | 7440-28-0 | 2.4 | | mg/kg | <u> U </u> | <u> </u> |
| P207589 | 3 | | FT | SEP0389BR0309 | THALLIUM | 7440-28-0 | | | mg/kg | UJ | A |
| P208889 | 0 | | FT | SEP1689BR0004 | | 7440-28-0 7440-28-0 | 2. | | mg/kg mg/kg | บ | A |
| P208889 P208989 | 3 | | FT FT | SEP1689BR0410 SEP1789BR0309 | | 17440-28-0 | | | | 103 | A |
| P209089 | 0 | | SFT | SEP1889BR0003 | | 7440-28-0 | 2.3 | | mg/kg | IU | |
| P209089 | 4 | | FT | SEP1889BR0309 | | 7440-28-0 | | | | lUJ | Α |
| P209189 | 0 | | FT | SEP1989BR0003 | | 7440-28-0 | 2.2 | | mg/kg | U | |
| P209489 | 0 | | FT | SEP2289BR0003 | THALLIUM | 7440-28-0 | 2. | 1 2.1 | mg/kg | U | |
| P209589 | 0 | | 1 FT | SEP2389BR0004 | | 7440-28-0 | | 2 0.37 | mg/kg | UJ | A |

| • | Ta | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | sults for Sul | · | | | | |
|-------------------------|---------------------|----------|---------|--------------------------------|---------------------|------------------------|------------|------|----------------|---|--------------|
| LOCATION | | | | SAMPLE | | | DETECTION | | | RESULT | |
| CODE | minore constitution | END | | | Analyte | | | | | 4 100 to | QUALIFIER |
| P209589 P210189 | 4 | | | SEP2389BR0410 SEP3089BR0003 | | 7440-28-0 7440-28-0 | 2.5 | | mg/kg mg/kg | N N | Α |
| P210189 | 3 | | FT | SEP3089BR0309 | | 7440-28-0 | 2.5 | | mg/kg | U | v |
| P2:10289 | 0 | | | SEP3189BR0003 | | 7440-28-0 | 2.5 | | | U | <u> </u> |
| P2410289 | 3 | | FT | SEP3189BR0306 | THALLIUM | 7440-28-0 | 2 | 0.35 | mg/kg | · | V |
| 42493 | 5 | | IN | | THALLIUM | 7440-28-0 | 2 | | | | V |
| 46593 | . 7 | · | IN | | THALLIUM | 7440-28-0 | 2 | 0.18 | | | J |
| 46993 05093 | 10 0 | | FT FT | | THALLIUM TIN | 7440-28-0 7440-31-5 | 2 100 | | mg/kg | U | J J |
| 05193 | 0 | | | | | 7440-31-5 | 100 | | mg/kg mg/kg | | J |
| 05393 | Ö | | | BH00076AE | TIN | 7440-31-5 | 100 | | | | J |
| 48195 | 0 | | FT | BH00101PE | TIN | 7440-31-5 | 4.3 | 3.3 | mg/kg | В | Z |
| 48195 | 2 | | | BH00102PE | TIN | 7440-31-5 | 4.3 | | mg/kg | | Z |
| 48495 | 4 | | | BH00103PE | TIN | 7440-31-5 | 4.3 | | mg/kg | | Z |
| 48295 48295 | 0 | | | BH00104PE BH00105PE | TIN TIN | 7440-31-5 | 4.3 | 3.5 | | B | Z |
| 48295 | 4 | | | | TIN | 7440-31-5 7440-31-5 | 2.2 2.2 | 2.2 | | B | Z Z |
| 48395 | 0 | | | | TIN | 7440-31-5 | 4.9 | | mg/kg | | Z |
| 48395 | 2 | 4 | FT | BH00108PE | TIN | 7440-31-5 | 2.7 | | mg/kg | U | Z |
| 48395 | 4 | | | | TIN | 7440-31-5 | 2.3 | 2.3 | mg/kg | U | Z |
| 44593 | 0 | | | BH40001AE | TIN | 7440-31-5 | 45.4 | | mg/kg | U | J |
| 40893 44393 | 0 | | | BH40030AE | TIN | 7440-31-5 | 43.9 | 22 | | U | J |
| 44393 | 0 | | | BH40033AE BH40049AE | TIN TIN | 7440-31-5 7440-31-5 | 43 46 | 21.7 | | U B | J |
| 41993 | 0 | | | BH40062AE | TIN | 7440-31-5 | 44 | 30.3 | mg/kg mg/kg | В | J J |
| 43893 | 0 | | | | | 7440-31-5 | 48 | | mg/kg | | J |
| 40293 | 0 | 3 | FT i | BH40118AE | | 7440-31-5 | 48 | | | В | J |
| 40393 | 0 | | | | | 7440-31-5 | 47 | 62.8 | mg/kg | | J |
| 42993 | 1 | | | | | 7440-31-5 | 47 | | mg/kg | В | J |
| 40793 40093 | 0 | | | | | 7440-31-5 7440-31-5 | 100 | | mg/kg | U | J · |
| 44893 | 0 | | | | | 7440-31-5 | 47 46 | | mg/kg mg/kg | U | J J |
| 41293 | 0 | | ; | | | 7440-31-5 | 100 | | mg/kg | | J |
| 40993 | 0 | 5 | FT | BH40201AE | | 7440-31-5 | 100 | | | | J |
| 41693 | 0 | | | | | 7440-31-5 | 47 | | mg/kg | | J |
| 41793 42293 | 0 | | | | | 7440-31-5 | 44 | | | | J |
| 42393 | 1 | 5 | | | | 7440-31-5 7440-31-5 | 100 43 | | mg/kg mg/kg | | J |
| 43193 | 0 | 5 | | | | 7440-31-5 | 47 | | | | J J |
| 43493 | 0 | 5 | | | | 7440-31-5 | 100 | | | | J |
| 43493 | 5 | 10 | | | | 7440-31-5 | 100 | 22.3 | mg/kg | | J |
| 43793 | 0 | 5 | | | | 7440-31-5 | 100 | | | | J |
| 44093 43993 | 0 | 6 | | | | 7440-31-5 | 48 | | | | J |
| 45693 | 0 | 6 | | | | 7440-31-5 7440-31-5 | 100 | | | | J J |
| 45893 | 0 | 5 | | | | 7440-31-5 | 100 | | | | J |
| 46193 | 0 | 6 | FT | BH40385AE | TIN | 7440-31-5 | 100 | 30.3 | | | J |
| 40793 | 0 | 5 | | | | 7440-31-5 | 100 | 24.1 | mg/kg | U | J |
| 41593 | 0 | 2 | | | | 7440-31-5 | 100 | | | | J |
| 41593 41593 | 2 4 | 4 l | | | | 7440-31-5 | 100 | | | | <u>J</u> |
| 42193 | 0 | 2 | | | | 7440-31-5 7440-31-5 | 100 100 | | | | J |
| 42193 | 0 | 4 | | | | 7440-31-5 | 100 | | | | J J |
| 42193 | 0 | 5 1 | FT | BH40427AE | | 7440-31-5 | 100 | | | | j |
| 42493 | 0 | 21 | | | TIN | 7440-31-5 | 100 | 23.3 | mg/kg | Ū (| |
| 42493 | 0 | 4 1 | | | | 7440-31-5 | 100 | | | | J |
| 42493 42493 | 0 4 | 51 | | | | 7440-31-5 | 100 | | | | <u>J</u> |
| 42493 42593 | 0 | 2 1 | | | | 7440-31-5 7440-31-5 | 100 | | | | J |
| 42593 | 0 | 4 1 | | | | 7440-31-5 | 100 | | | | J J |
| 42593 | 0 | 5 1 | | | · | 7440-31-5 | 100 | | | | J |
| 42593 | 4 | 8 1 | FT | BH40449AE | TIN | 7440-31-5 | 100 | | | | J |
| 42093 | 0 | 5 1 | | | | 7440-31-5 | 43 | 21.6 | mg/kg | U . | J |
| 43393 | 0 | 2 | | | | 7440-31-5 | 100 | 23.4 | mg/kg | | J |
| 43393 43 3 93 | 0 | 4 F | | | | 7440-31-5 7440-31-5 | 100 100 | | | | <u> </u> |
| 43393 | 5 | 8 1 | | | | 7440-31-5 | 100 | 24.7 | | | J |
| | | <u> </u> | | | | . 1-10-01-0 | 100) | 24.1 | y/\y | <u> </u> | · |

| | T: | able A.6 | Solar E | vaporation Ponds | AOC - Analytical R | | ····· | | | t - Metals | |
|--------------------|--------|-------------|--------------|--------------------------------|----------------------------------|---------------------------------------|--------------|------|--|--|----------------------|
| LOCATION | NEDTU | DEBTH | LIMIT | SAMPLE | | 1 7 1 9 4 3 1 30% = 4. * | DETECTION | | 3.8 | LAB | |
| CODE | START | | CODE | NUMBER | Analyte | | LIMIT | | | RESULT | VALIDATION QUALIFIER |
| 43693 | 0 | | FT | BH40518AE | TIN | 7440-31-5 | 100 | | - Address - Contract of the last of the la | U | J |
| 43693 | 0 | | FT | BH40519AE | TIN | 7440-31-5 | 100 | | | Ü | IJ |
| 43693 | 0 | | | BH40520AE | TIN | 7440-31-5 | 100 | 23.5 | mg/kg | В | J |
| 45793 | 0 | | | BH40557AE | TIN | 7440-31-5 | 100 | | | U | J |
| 46593 | 1 | | FT | BH40700AE | TIN | 17440-31-5 | 40 | | | U | lj |
| 46593 46593 | 3 5 | | FT | BH40702AE BH40703AE | İTIN ITIN | 7440-31-5 7440-31-5 | 40 40 | | mg/kg | <u> U</u> | IJ |
| 46593 | 5 | | FT | BH40705AE | TIN | 7440-31-5 | 40 | | mg/kg mg/kg | lu lu | IJ |
| 46693 | Ö | | FT | BH40715AE | TIN | 7440-31-5 | 40 | | | U | J |
| 46693 | 2 | | | BH40717AE | TIN | 7440-31-5 | 40 | | | Ü | J |
| 46693 | 5 | | FT | BH40718AE | TIN | 7440-31-5 | 40 | | | lU | J |
| 46793 | 0 | | | BH40729AE | TIN | 7440-31-5 | 40 | | | U | J |
| 46793 | 2 | | | BH40731AE | TIN | 7440-31-5 | 40 | | | U | J |
| 46793 46893 | 4 0 | | FT FT | BH40732AE | TIN TIN | 7440-31-5 | 40 | | | U | J |
| 46893 | 2 | | | BH40743AE BH40745AE | TIN | 7440-31-5 7440-31-5 | 40 40 | | mg/kg mg/kg | U | J |
| 46993 | 1 | | | BH40757AE | TIN | 7440-31-5 | 40 | | mg/kg | Ū | J |
| 46993 | 3 | | | BH40759AE | TIN | 7440-31-5 | 40 | | mg/kg | Ü | J |
| 47093 | 1 | 3 | | BH40771AE | TIN | 7440-31-5 | 200 | 6.4 | mg/kg | В | J |
| 47093 | 3 | | | BH40773AE | TIN | 7440-31-5 | 200 | | mg/kg | U | J |
| 47093 | 5 | | | BH40774AE | TIN | 7440-31-5 | 200 | | mg/kg | U | J |
| P207589 P207689 | 0 3 | | | SEP0389BR0003 SEP0389BR0309 | | 7440-31-5 | 23.4 | | | U | |
| P208889 | 0 | | | SEP1689BR0004 | | 7440-31-5 7440-31-5 | 40 21.8 | | mg/kg mg/kg | U | V |
| P208889 | 4 | | | SEP1689BR0410 | | 7440-31-5 | 40 | | mg/kg | | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7440-31-5 | 40 | | mg/kg | | v |
| P209089 | 0 | 3 | | SEP1889BR0003 | | 7440-31-5 | 22.2 | | mg/kg | Ū | |
| P209089 | 4 | | | SEP1889BR0309 | | 7440-31-5 | 40 | 24.7 | mg/kg | U | V |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-31-5 | 22.2 | | mg/kg | U | |
| P209189 P209489 | 3 | 10 | | SEP1989BR0309 | | 7440-31-5 | 40 | | | | V |
| P209489 | 0 | | | SEP2289BR0003 SEP2389BR0004 | | 7440-31-5 7440-31-5 | 22.2 | | | U | |
| P209589 | 4 | 10 | ~~~~~~ | SEP2389BR0004 | | 7440-31-5 | 40 40 | | | | V |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-31-5 | 40 | | | | V |
| P209889 | 4 | 10 | FT | SEP2689BR0410 | TIN | 7440-31-5 | 40 | | | | v |
| P210189 | 0 | | | SEP3089BR0003 | | 7440-31-5 | 25 | | mg/kg | | |
| P210189 | 3 | | | SEP3089BR0309 | ~ | 7440-31-5 | 40 | 44 | mg/kg | | V |
| P210289 | 0 | | ************ | SEP3189BR0003 | | 7440-31-5 | 25 | 25 | | U | |
| P210289 42493 | 3 5 | 7 | | SEP3189BR0306 SS40083AE | | 7440-31-5 | 40 | 23.1 | | , <u> </u> | V |
| 46593 | 7 | 8 | | | TIN | 7440-31-5 7440-31-5 | 100 | | | | J J |
| 46993 | 10 | 16 | | | TIN | 7440-31-5 | 40 | | | | J |
| 48195 | 0 | 2 | | | TITANIUM | 7440-32-6 | | | mg/kg | | Z |
| 48195 | 2 | 4 | FT | BH00102PE | TITANIUM | 7440-32-6 | | | mg/kg | | Z |
| 48195 | 4 | | | | TITANIUM | 7440-32-6 | | 242 | mg/kg | | Z |
| 48295 48295 | 0 | | | | | 7440-32-6 | | 397 | mg/kg | | Z |
| 48295 | 2 | | | | TITANIUM TITANIUM | 7440-32-6 7440-32-6 | | 124 | mg/kg | | <u>Z</u> |
| 48395 | 0 | | | BH00107PE | | 7440-32-6 | | | mg/kg mg/kg | | Z Z |
| 48195 | 0 | | | | URANIUM, TOTAL | | 26.2 | | mg/kg | | Z |
| 48195 | 2 | 4 | | | URANIUM, TOTAL | | 13.5 | 13.5 | | Ü | Z |
| 48,195 | 4 | 6 | | BH00103PE | URANIUM, TOTAL | 11-09-6 | 13.4 | 13.4 | mg/kg | | Z |
| 48295 | 0 | 2 | | | URANIUM, TOTAL | | 14.6 | 14.6 | mg/kg | U | Z |
| 48295 | 2 | 4 | | | URANIUM, TOTAL | | 13.2 | | | U | Z Z |
| 48295 48395 | 4 | 6 | | | URANIUM, TOTAL | | 13.5 | | | U | Z |
| 48395 48395 | 0 2 | 4 1 | | | URANIUM, TOTAL URANIUM, TOTAL | | 14.7 16.6 | | | <u>U </u> | Z |
| 48395 | 4 | 5 | | | URANIUM, TOTAL | | 18.5 | | | | Z Z |
| 05093 | 0 | 6 | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | ~ | V |
| 05193 | 0 | 5 | | | | 7440-62-2 | 10 | 44.3 | mg/kg | | v |
| 05393 | 0 | 5 | | | VANADIUM | 7440-62-2 | 10 | 33.7 | mg/kg | | v i |
| 48195 | 0 | 2 | | | | 7440-62-2 | | 41.1 | mg/kg | | Z |
| 48195 48195 | 2: | 4 1 | | | | 7440-62-2 | | | mg/kg | | Z |
| 48195 48295 | 4 | 6 I | | | | 7440-62-2 7440-62-2 | | | mg/kg | | <u>Z</u> |
| 48295 | 2 | 4 1 | | | | 7440-62-2 | | | mg/kg mg/kg | | Z Z |
| 48295 | 4 | 6!1 | | | | 7440-62-2 | | | mg/kg | | Z |
| | | <u>-:</u> | | | | · · · · · · · · · · · · · · · · · · · | | 13 | 99 | | |



| <u> </u> | Ti | able A.6 | Solar E | vaporation Ponds | AOC - Analytical Re | esults for Sul | surface Soils | Less Tha | n 6 Feet | - Metals | |
|------------------|---------------|-----------------------|-------------|------------------------|---------------------------------------|--------------------------|-------------------|----------|----------------|--|---------------|
| 2 14 4 | | 1. AP() 2/_ * A & | 1.1.1 | * CAMPLE | · · · · · · · · · · · · · · · · · · · | 1.00 | | A > #4 | * * 9. | 1 10 31 | 专业的 學術 |
| LOCATION | DEPTH | DEPTH | CODE | | Analyte | CAS NO | DETECTION | | 100 PC | | VALIDATION |
| 48395 | SIARI 0 | ENU | FT | BH00107PE | VANADIUM | 7440-62-2 | <u>**PŮMIT***</u> | | mg/kg | QUALIFIER | Z |
| 48395 | 2 | | | | VANADIUM | 7440-62-2 | | | mg/kg | | Z |
| 48395 | 4 | | | | VANADIUM | 7440-62-2 | | | mg/kg | | Z |
| 44593 | 0 | | | | VANADIUM | 7440-62-2 | 11.3 | | mg/kg | · | V |
| 40893 44393 | 0 | | | BH40030AE | VANADIUM | 7440-62-2 | 11 | 21.3 | mg/kg | | <u>J</u> |
| 41193 | | | | BH40033AE BH40049AE | | 7440-62-2 17440-62-2 | 11 12 | 21.5 | mg/kg mg/kg | | V V |
| 41993 | ō | | FT | BH40062AE | | 7440-62-2 | 11 | 33 | mg/kg | | v |
| 43893 | 0 | | | | VANADIUM | 7440-62-2 | 12 | 66.4 | mg/kg | | V |
| 40293 | 0 | | | | VANADIUM | 7440-62-2 | 12 | | mg/kg | | V |
| 40393 42993 | <u>0</u> 1 | | | | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 12 | | mg/kg | | <u>V</u> |
| 40793 | - 6 | | · | BH40157AE | VANADIUM | 7440-62-2 | 12 10 | | mg/kg mg/kg | | <u>v</u> v |
| 40093 | 0 | | | | VANADIUM | 7440-62-2 | 12 | | mg/kg | | v |
| 44893 | 0 | | | BH40188AE | VANADIUM | 7440-62-2 | 12 | 29.1 | mg/kg | | v · |
| 41293 | 0 | | | BH40196AE | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 40993 | 0 | | | BH40201AE | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 41693 41793 | 0 | | | BH40217AE BH40243AE | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 12 11 | | mg/kg mg/kg | | v v |
| 42293 | 1 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg mg/kg | | <u>v</u> |
| 42393 | 0 | | FT | BH40261AE | | 7440-62-2 | 11 | | mg/kg | | <u>v</u> |
| 43193 | 0 | | | BH40306AE | VANADIUM | 7440-62-2 | 12 | 67.9 | mg/kg | | V |
| 43493 | 0 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 43493 43793 | 5 0 | | | | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 10 10 | | mg/kg | | <u>v</u> v |
| 44093 | 0 | | | | VANADIUM | 7440-62-2 | 12 | | mg/kg mg/kg | | <u>v</u> V |
| 43993 | 0 | | | | VANADIUM | 7440-62-2 | 12 | | mg/kg | | v |
| 45693 | 0 | 6 | FT | BH40374AE | VANADIUM | 7440-62-2 | 10 | 37.6 | mg/kg | | V |
| 45893 | 0 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 46193 | 0 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 40793 41593 | 0 0 | | | | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 10 10 | | mg/kg mg/kg | | v V |
| 41593 | 2 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | <u>v</u> V |
| 41593 | 4 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | v · |
| 4 2193 | 0 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 42193 | 0 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 42193 42493 | 0 | | | | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 10 10 | | mg/kg mg/kg | | V V |
| 42493 | 0 | | | | VANADIUM | 7440-62-2 | 10 | | mg/kg | | <u>v</u> V |
| 42493 | Ō | | | BH40440AE | VANADIUM | 7440-62-2 | 10 | 27 | mg/kg | | V |
| 42493 | 4 | | | | | 7440-62-2 | 10 | 41 | mg/kg | The state of the s | V |
| 42593 | 0 | | | | | 7440-62-2 | 10 | 72.2 | mg/kg | | V |
| 42593 42593 | 0 | | | | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 10 | | mg/kg | | V |
| 42593 | 4 | | | | | 7440-62-2 | 10 | | mg/kg ma/ka | | V V |
| 42093 | 0 | 5 | FT | | | 7440-62-2 | 11 | | mg/kg | | <u>v</u> |
| 43393 | 0 | | FT | BH40510AE | VANADIUM | 7440-62-2 | 10 | 25.6 | mg/kg | ľ | V |
| 43393 43393 | 0 | | | | | 7440-62-2 | 10 | | mg/kg | | V |
| 43393 | 0 5 | | | | | 7440-62-2 7440-62-2 | 10 10 | | mg/kg | | V |
| 43693 | 0 | | | | | 7440-62-2 | 10 | | mg/kg mg/kg | | <u>/</u> |
| 43693 | 0 | 4 | FT | BH40519AE | | 7440-62-2 | 10 | | mg/kg | | <u>v</u> |
| 43693 | 0 | | | | | 7440-62-2 | 10 | 16.7 | mg/kg | | V |
| 45793 | 0 | | FT : | | | 7440-62-2 | 10 | 14 | mg/kg | | ! |
| 46593 ` 46593 | 3 | | | | VANADIUM VANADIUM | 7440-62-2 7440-62-2 | 10 10 | | mg/kg mg/kg | E . | |
| 46593 | 5 | | | | | 7440-62-2 | 10 | | | BE . | |
| 46593 | 5 | | | | | 7440-62-2 | 10 | | | E , | |
| 46693 | 0 | | | BH40715AE | VANADIUM | 7440-62-2 | 10 | 70.8 | mg/kg | E, | J |
| 46693 | 2 | | | | VANADIÚM | 7440-62-2 | 10 | | | Ε , | |
| 46693 46793 | 5 | | | | | 7440-62-2 | 10 | | | E , | |
| 46793 | 2 | | | | | 7440-62-2 7440-62-2 | 10 10 | | mg/kg mg/kg |] | |
| 46793 | 4 | | | | | 7440-62-2 | 10 | | | В | |
| 46893 | 0 | 2 | FT | BH40743AE | VANADIUM | 7440-62-2 | 10 | 43.8 | mg/kg | | |
| 46893 | 2 | | | | | 7440-62-2 | 10 | 34.4 | mg/kg | · · | |
| 46993 | 1 | 3 | FT | BH40757AE | VANADIUM | 7440-62-2 | 10 | 30.5 | mg/kg | | / |



| | Tab | ole A.6 S | Solar E | vaporation Ponds | AOC - Analytical Re | | | | | | |
|--------------------|---------------|-----------|----------|--------------------------------|---------------------|------------------------|-----------|---------|--------------|-------------------|------------|
| LOCATION | DEPTH C | DEPTH | UNIT | SAMPLE | | | DETECTION | | | * LAB* *RESULT | VALIDATION |
| CODE | | END | CODE | NUMBER | Analyte | | | | | | QUALIFIER |
| 46993 | 3, | | | | VANADIUM | 7440-62-2 | 10 | | | | Ÿ |
| 47093 47093 | | | | · | | 7440-62-2 7440-62-2 | 50 50 | | g/kg | <u> </u> | J |
| 47093 | <u>3</u> 5 | | | | VANADIUM | 7440-62-2 | 50 | | g/kg n/kg | | J J |
| P207589 | 0 | | | SEP0389BR0003 | (| 7440-62-2 | 11.7 | | | | <u> </u> |
| P207589 | 3 | | | SEP0389BR0309 | | 7440-62-2 | 10 | | | | A |
| P208889 | 0 | 4 | FT | SEP1689BR0004 | VANADIUM | 7440-62-2 | 10.9 | 28.8 mg | g/kg | | |
| P208889 | 4 | 10 | | SEP1689BR0410 | | 7440-62-2 | 10 | | | | V |
| P208989 | 3 | | | SEP1789BR0309 | | 7440-62-2 | 10 | | g/kg | v | ٧ |
| P209089 P209089 | 0 4 | | | SEP1889BR0003 SEP1889BR0309 | | 7440-62-2 7440-62-2 | 11.1 | | g/kg | | A |
| P209189 | 0 | | | SEP1989BR0003 | | 7440-62-2 | 11.1 | | | | Λ |
| P209189 | 3 | 10 | | SEP1989BR0309 | | 7440-62-2 | 10 | | | | V |
| P209489 | 0 | 3 | ··· | SEP2289BR0003 | | 7440-62-2 | 11.1 | | | | ·· |
| P209489 | 3 | | | SEP2289BR0307 | | 7440-62-2 | 10 | | | | V . |
| P209589 | 0 | | | SEP2389BR0004 | | 7440-62-2 | 12.5 | | | | V |
| P209589 | 4 | 10 | | SEP2389BR0410 | | 7440-62-2 | 10 | | | | V |
| P209889 P209889 | <u>0</u> | 10 | | SEP2689BR0004 SEP2689BR0410 | | 7440-62-2 7440-62-2 | 10 10 | | | | V V |
| P210189 | 0 | | | SEP3089BR0410 | | 7440-62-2 | 12.5 | | | | V |
| P210189 | 3 | | | SEP3089BR0309 | | 7440-62-2 | 10 | | | | V |
| P210289 | 0 | | | SEP3189BR0003 | · | 7440-62-2 | 12.5 | | | | |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-62-2 | 10 | 47 mg | g/kg | | V |
| 42493 | 5 | 7 | <u>-</u> | SS40083AE | VANADIUM | 7440-62-2 | 10 | | | | V |
| 46593 | 7! | 8 | | | | 7440-62-2 | 10 | | | | V |
| 46993 05093 | 10 | 16 | | | VANADIUM ZINC | 7440-62-2 7440-66-6 | 10 10 | | J/Kg | | V |
| 05193 | 0 | | | | ZINC | 7440-66-6 | 10 | | | | J |
| 05393 | 0 | | | | ZINC | 7440-66-6 | 10 | | | | J · |
| 48195 | 0 | | FT | BH00101PE | ZINC | 7440-66-6 | | 32.1 mg | | E | Z |
| 48195 | 2 | | | | ZINC | 7440-66-6 | | 21.7 mg | /kg | E | Z |
| 48195 | 4 | | | | | 7440-66-6 | | 26.7 mg | | E I | Z |
| 48295 | 0 | | | | | 7440-66-6 | | 30.4 mg | | <u> </u> | <u>Z</u> |
| 48295 48295 | 2 4 | | | | | 7440-66-6 7440-66-6 | | 17.3 mg | | E | Z Z |
| 48395 | 0 | | | | ZINC | 7440-66-6 | | 30.1 mg | | | Z |
| 48395 | 2 | | | | | 7440-66-6 | | 53 mg | | | Z |
| 48395 | 4 | 5 | | | ZINC | 7440-66-6 | | 24.5 mg | | | Z |
| 44593 | 0 | | | | ZINC | 7440-66-6 | 4.5 | | | | V |
| 40893 | 0 | | | | | 7440-66-6 | 4.4 | · | | | V . |
| 44393 41193 | 0 | | | | | 7440-66-6 | 4 | | | | J |
| 41193 | 0 | | | | ZINC | 7440-66-6 7440-66-6 | 5 | | | | J V |
| 43893 | 0 | | | | | 7440-66-6 | 5 | | | | J |
| 40293 | 0 | | | | | 7440-66-6 | 5 | | | | V |
| 40393 | 0 | 5 | FT | BH40123AE | ZINC | 7440-66-6 | 5 | | | | J |
| 42993 | 1 | | | | | 7440-66-6 | 5 | 37.2 mg | /kg | | V |
| 40793 | 0 | | | | | 7440-66-6 | 10 | | | | <u>V</u> |
| 40093 44893 | 0 | | | | | 7440-66-6 7440-66-6 | 5 | | | | V |
| 41293 | 0 | | | | | 7440-66-6 | 5 | | | | V |
| 40993 | 0 | | | | | 7440-66-6 | 10 | | | | v V |
| 41693 | 0 | | | BH40217AE | ZINC | 7440-66-6 | 5 | | | | v i |
| 41793 | 0 | 5 | FT | BH40243AE | ZINC | 7440-66-6 | 4 | 14.9 mg | /kg | | J |
| 42293 | 1 | 6 | | BH40253AE | | 7440-66-6 | 10 | 35.7 mg | /kg | | J |
| 42393 | 0 | | | | | 7440-66-6 | 4 | | | | V |
| 43193 43493 | 0 | | | BH40306AE BH40319AE | ZINC ZINC | 7440-66-6 | 5 | | | | J |
| 43493 | 5 | 10 | | | | 7440-66-6 7440-66-6 | 10 10 | | | | J J |
| 43793 | 0 | 5 | | | | 7440-66-6 | 10 | | | | V |
| 44093 | o | 6 | | | | 7440-66-6 | 5 | | | | j |
| 43993 | 0 | 5 | FT | BH40353AE | ZINC | 7440-66-6 | 5 | 15.4 mg | /kg | | J |
| 45693. | 0 | 6 | | BH40374AE | | 7440-66-6 | 10 | 76.2 mg | | | J |
| 45893 | 0 | 5 | | BH40377AE | | 7440-66-6 | 10 | | | | V |
| 46193 40793 | 0 | 6 I | | | | 7440-66-6 7440-66-6 | 10 | | | | V |
| 41593 | 0 | | | BH40417AE | | 7440-66-6 | 10 | | /kg | | v v |
| 71000 | U | 211 | <u> </u> | DI MUTITAE | 21110 | 1770-00-0 | 10 | | <u> </u> | i | V |

· TOU

| 3 \$ prop # | | | SOIAF E | vaporation Ponds | AOC - Analytical Re | sults for Sul | bsurface Soils | Less Tha | an 6 Feet | - Metals | |
|----------------------|------------|----------|--|--------------------------------|---------------------|---------------------------------------|----------------|-----------|----------------|--------------|--|
| | fraged 33 | V. 8. J. | and a second | | 1444 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 14446 | * 3 4 5 s | 电影影响 | * * LAB | ** * * * * * * * * * * * * * * * * * * |
| LOCATION | DEPTH | DEPTH | UNIT | SAMPLE | Analyte | 1. 8 4 5 1 4 | DETECTION | | 7 3 8 8 | * RESULT | VALIDATION |
| | START | END 1 | | NUMBER |] Analyte | CASINO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 41593 | 2 | | | BH40418AE | | 7440-66-6 | 10 | | mg/kg | <u> </u> | J |
| 41593 | 4 | | | BH40419AE | | 7440-66-6 | 10 | | mg/kg | | J |
| 42193 | 0 | | | BH40425AE | | 7440-66-6 | 10 | | | | <u>J</u> |
| 42193 | 0 | | | BH40426AE | ZINC | 7440-66-6 | 10 | | | | J |
| 42193 | 0 | | | BH40427AE | | 7440-66-6 | 10 | | | | J |
| 42493 | <u>0</u> j | | | BH40438AE | | 7440-66-6 | 10 | | mg/kg | | IV . |
| 42493 | 0 | | | BH40439AE | | 7440-66-6 | 10 | | mg/kg | | V |
| 42493 | 0 | | | BH40440AE | | 7440-66-6 | 10 | | mg/kg | | V . |
| 42493 | 4 | | | BH40441AE | | 7440-66-6 | 10 | | mg/kg | | V . |
| 42593 42593 | 0 | | | BH40446AE | | 7440-66-6 7440-66-6 | 10 | | mg/kg | | J |
| 42593 | 0 | | | | | | 10 | | mg/kg | | V |
| 42593 | 4 | | | | | 7440-66-6 7440-66-6 | 10 | | mg/kg | | V |
| 42093 | 0 | | | | | 7440-66-6 | 10 | | mg/kg | | |
| 43393 | 0 | | | | | 7440-66-6 | 4 | | mg/kg | | V |
| 43393 | 0 | | | BH40510AE | ZINC | 7440-66-6 | 10 10 | | | | J |
| 43393 | 0 | | | | ZINC | 7440-66-6 | 10 | | | | J |
| 43393 | 5 | | | BH40517AE | | 7440-66-6 | 10 | | | | |
| 43693 | 0 | | | | | 7440-66-6 | 10 | | mg/kg mg/kg | | A A |
| 43693 | 0 | | | | | 7440-66-6 | 10 | | mg/kg mg/kg | | V . |
| 43693 | 0 | | | BH40520AE | | 7440-66-6 | 10 | | mg/kg | | v · |
| 45793 | 0 | | | | | 7440-66-6 | 10 | | | | J |
| 46593 | 1 | | | BH40700AE | IZINC | 7440-66-6 | 4 | | mg/kg | | V |
| 46593 | 3 | | | BH40702AE | ZINC | 7440-66-6 | 4 | | mg/kg | | V |
| 46593 | 5 | | | BH40703AE | | 7440-66-6 | 4 | | mg/kg | | v |
| 46593 | . 5 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | ZINC | 7440-66-6 | 4 | | mg/kg | | v |
| 46693 | 0 | | | | | 7440-66-6 | 4 | | mg/kg | | V |
| 46693 | 2 | | | BH40717AE | ZINC | 7440-66-6 | 4 | | mg/kg | | v v |
| 46693 | 5 | | | | | 7440-66-6 | 4 | | mg/kg | | · V |
| 46793 | 0 | | | BH40729AE | | 7440-66-6 | 4 | 28.3 | | | j |
| 46793 | 2 | 4 | | | | 7440-66-6 | 4 | 15.8 | | Ē | J |
| 46793 | 4 | 6 | | | | 7440-66-6 | 4 | | | | J |
| 46893 | 0 | 2 | FT | BH40743AE | | 7440-66-6 | 4 | 23.5 | mg/kg | | V |
| 46893 | . 2 | 5 | FT | BH40745AE | ZINC | 7440-66-6 | 4 | 17.3 | mg/kg | | V |
| 46993 | 1 | 3 | FT | BH40757AE | ZINC | 7440-66-6 | 4 | 12.2 | mg/kg | | J |
| 46993 | 3 | 5 | | BH40759AE | | 7440-66-6 | 4 | 9.8 | mg/kg | | J |
| 47093 | 1 | | | BH40771AE | | 7440-66-6 | . 20 | - 22 | mg/kg | | V |
| 47093 | 3 | | | BH40773AE | | 7440-66-6 | 20 | 14.9 | mg/kg | | V |
| 47093 | 5 | | | BH40774AE | | 7440-66-6 | 20 | 12.7 | mg/kg i | | V |
| P207589 | 0 | | | SEP0389BR0003 | | 7440-66-6 | 4.7 | | mg/kg | | |
| P207589 | 3 | | | SEP0389BR0309 | | 7440-66-6 | 4 | | mg/kg | | Α |
| P208889 | 0 | | | SEP1689BR0004 | | 7440-66-6 | 4.4 | 37.4 | mg/kg | | |
| P208889 | 4 | 10 | | SEP1689BR0410 | | 7440-66-6 | 4 | | mg/kg | | A |
| P208989 P209089 | 3i | | | SEP1789BR0309 | | 7440-66-6 | 4 | | mg/kg | | <u>V</u> |
| P209089 | | | | SEP1889BR0003 | | 7440-66-6 | 4.4 | | mg/kg | | |
| P209089 P209189 | 4 0 | | | SEP1889BR0309 | | 7440-66-6 | 4 | | mg/kg | | V |
| P209189 | 3 | 10 | | SEP1989BR0003 SEP1989BR0309 | | 7440-66-6 | 4.4 | | mg/kg | | A |
| P209489 | 0 | | | SEP2289BR0003 | | 7440-66-6 7440-66-6 | 4 | | mg/kg | l | Α |
| P209489 | 3 | | | SEP2289BR0307 | | 7440-66-6 | 4.4 | | mg/kg mg/kg | - | |
| P209589 | 0 | | | SEP2389BR0004 | | 7440-66-6 | 4 | | mg/kg mg/kg | | A A |
| P209589 | . 4 | 10 | | SEP2389BR0410 | | 7440-66-6 | 4 | | mg/kg mg/kg | | A A |
| P209889 | 0 | | | SEP2689BR0004 | | 7440-66-6 | 4 | | mg/kg | | V |
| P209889 | 4 | 10 | | SEP2689BR0410 | | 7440-66-6 | 4; | | mg/kg | | V |
| P210189 | o | | | SEP3089BR0003 | | 7440-66-6 | 5 | | mg/kg | | • |
| P210189 | 3 | | | SEP3089BR0309 | | 7440-66-6 | 4 | | mg/kg | | A |
| P210289 | 0 | | | SEP3189BR0003 | | 7440-66-6 | 5 | | mg/kg | | |
| P210289 | 3 | | | SEP3189BR0306 | | 7440-66-6 | 4 | | mg/kg | | v |
| | | | | SS40083AE | ZINC | 7440-66-6 | 10 | | mg/kg | | v |
| 42493 | 5i | | | | | | | | | | - 1 |
| | 5 7 | 8 | | | ZINC | 7440-66-6 | 4 | 21.5 | mg/kg | İ | V |



| LOCATION | DEPTH | DEPTH > | Tat UNIT | ble A.7 Solar Evapor | ation Ponds AOC - Analytical Results for Su | bsurface Soils Less Th | an 6 Feet - On DETECTION | | LIAR RESULT | IVALIDATION |
|----------------------|--------|--------------|-------------|----------------------|--|------------------------|-----------------------------|----------------------|--------------|--------------|
| CODE | START | | | AMPLE NUMBER | Analyte | CAS NO | LIMIT | RESULT UNITS | | QUALIFIER |
| 05093 | 1 | | | | 1,1,1-1CA | 71-55-6 | | 5 5 ug/Kg | | V |
| 05093 | 5 | 6:FT 1 FT | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | | 5 5 ug/Kg 6 ug/Kg | | V V |
| 05393 | 2 | 2iFT | Bi | 100077AE | 1,1,1-TCA | 71-55-6 | | 5 5 ug/Kg | | īv |
| 40093 | 1 1 | | | | 1,1,1-TCA | 71-55-6 | | | | IV |
| 40093 | 2 | | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | (| | | IV IV |
| 40393 | 2 | | | | 1,1,1-TCA | 71-55-6 | | | | V |
| 40693 | -1! | | | | 1,1,1-TCA | 71-55-6 | | 6 ug/Kg | U | V |
| 40793 | 5 | 6 FT | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | € 32 | | | IV A |
| 40893 | 4 | | | | 1,1,1-TCA | 71-55-6 | | | | V |
| 40893 | 1 | | | | 1,1,1-TCA | 71-55-6 | 5 | | iU | IV |
| 40993 40993 | 5 | 6 FT 2 FT | | | 1,1,1-TCA | 71-55-6 71-55-6 | 5 | | | V |
| 41193 | 1 | 2 FT | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 | 6 | | | V V |
| 41293 | 1 | 2 FT | | | 1,1,1-TCA | 71-55-6 | 28 | | | V |
| 41593 | 5 | 5 FT | | | 1,1,1-TCA | 71-55-6 | 5 | | | V |
| 41693 | 2 | 2:FT 3!FT | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 5 | | | V |
| 41793 | 5 | 6 FT | | | 1,1,1-TCA | 71-55-6 | 6 | | | v V |
| 41993 | 2 | 2 FT | | 140063AE | 1,1,1-TCA | 71-55-6 | 5 | 5 ug/Kg | U | v |
| 41993 | 5 | 5FT | | | 1,1,1-TCA | 71-55-6 | 5 | | | V |
| 42093 42193 | 1 1 | 2 FT 2 FT | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 29 12 | | | V V |
| 42293 | 4 | 4 FT | | | 1,1,1-TCA | 71-55-6 | 6 | | | J |
| 42393 | 1: | | | | 1,1,1-TCA | 71-55-6 | 6 | 6 ug/Kg | U | V |
| 42493 42493 | 5 | 5 FT 3 FT | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 | 5 | | | V |
| 42593 | 5 | 6:FT | | | 1,1,1-1CA 1,1,1-TCA | 71-55-6 71-55-6 | 6 5 | | | V V |
| 42993 | 1 | 2 FT | B⊦ | 140143AE | I,1,1-TCA | 71-55-6 | 5 | | | v · |
| 42993 | 5 | 6 FT | | | I,1,1-TCA | 71-55-6 | 6 | | | V |
| 43193 | 2 | 2 FT 2 FT | | | I,1,1-TCA I.1.1-TCA | 71-55-6 71-55-6 | 11 5 | | | V |
| 43393 | 5 | 6 FT | | | I,1,1-TCA | 71-55-6 | 6 | | | V |
| 43493 | 2, | 2iFT | | | I,1,1-TCA ' | 71-55-6 | 6 | 6 ug/Kg | U | V |
| 43493 | 5 3 | 6 FT 3 FT | | | I,1,1-TCA | 71-55-6 | 6 | | | V |
| 43793 | 1 | 1!FT | | | I,1,1-TCA I,1,1-TCA | 71-55-6 71-55-6 | 6 5 | | | > > |
| 43793 | 5 | 6 FT | | ···· | 1,1,1-TCA | 71-55-6 | 6 | | | v · |
| 43893 | 1 | 1}FT | | | ,1,1-TCA | 71-55-6 | 6 | | | V |
| 43993 43993 | 5 | 5 FT | | | I,1,1-TCA I,1,1-TCA | 71-55-6 71-55-6 | 5 6 | | | V V |
| 44093 | 1 | 2 FT | | | 1,1,1-TCA | 71-55-6 | 12 | | | V |
| 44393 | 5 | 6 FT | | | ,1,1-TCA | 71-55-6 | 12 | 12 ug/Kg | Ü | V |
| 44393 44893 | 1 2 | 1(FT 2(FT | | | ,1,1-TCA | 71-55-6 | 28 | | | V |
| 45693 | 5 | 6 FT | | | ,1,1-TCA ,1,1-TCA | 71-55-6 71-55-6 | 6 | | | v v |
| 45693 | 1 | 1!FT | ВН | 140375AE | ,1,1-TCA | 71-55-6 | 7 | | | v |
| 45793 | 5 | 6 FT | | | ,1,1-TCA | 71-55-6 | 6 | | | V |
| 45893 45893 | 2 5 | 2 FT 5 FT | | | ,1,1-TCA ,1,1-TCA | 71-55-6 71-55-6 | 6 | | | V |
| 46193 | 0. | 1 FT | | | 1,1,1-TCA | 71-55-6 | 30 | | | V V |
| 46293 | 2 | 3 FT | | | ,1,1-TCA | 71-55-6 | 6 | | | v · |
| 46593 46693 | 2 | 2 FT 1 FT | | | .1,1-TCA | 71-55-6 | 5 | | | V |
| 46793 | 1 | 2 FT | | | ,1,1-TCA ,1,1-TCA | 71-55-6 71-55-6 | 5 5 | | | V · |
| 46893 | 1 | 2 FT | (BH | 40744AE | ,1,1-TCA | 71-55-6 | 5 | | | v |
| 46993 P208989 | 3 | 3 FT | | | ,1,1-TCA | 71-55-6 | 5 | 5 ug/Kg | U | V |
| P208989 P209189 | 5 | 7/FT 1/FT | | | ,1,1-TCA ,1,1-TCA | 71-55-6 71-55-6 | 6 6 | | | V |
| P209189 | 4 | 6 FT | | | 1,1,1-TCA | 71-55-6 | 6 | | | V |
| P209489 | 4 | 5 FT | | | ,1,1-TCA | 71-55-6 | 5 | 5 ug/Kg | U | V |
| P209489 P209889 | 0 | 1 FT 2 FT | | | ,1,1-TCA ,1,1-TCA | 71-55-6 | 6 | | U [| V |
| P209889 | 4 | 6 FT | | | ,1,1-TCA ,1,1-TCA | 71-55-6 71-55-6 | 6 | | U I | V V |
| P210189 | 0, | 2 FT | ISE | P3089BR0002 1 | ,1,1-TCA | 171-55-6 | 650 | 650 ug/Kg | U . | A |
| P210189 P210289 | 5 | 7 FT | | | .1,1-TCA | 71-55-6 | 720 | 720 ug/Kg | U I | V |
| P210289 | 0 | 2 FT 5 FT | | | .1,1-TCA .1,1-TCA | 71-55-6 71-55-6 | 6 6 | | | V V |
| SP0387 | 2 | 4 FT | !SP | 038702DH 1 | ,1,1-TCA | 71-55-6 | - 0 | 25 ug/Kg | | |
| 48195 | 0 | 2 FT | | | ,1,1-TRICHLOROETHANE | 71-55-6 | 5 | 5 ug/Kg | U | Z |
| 48195 48195 | 2 4 | 4 FT 6 FT | | | ,1,1-TRICHLOROETHANE ,1,1-TRICHLOROETHANE | 71-55-6 | 5 5 | | U į | Z |
| 48295 | 0, | 2 FT | | | ,1,1-TRICHLOROETHANE | 71-55-6 | 5 | 5 ug/Kg 5 ug/Kg | - | Z · Z |
| 48295 | 2 | 4 FT | įВН | 00105PE 11 | .1,1-TRICHLOROETHANE | 71-55-6 | 5 | 5 ug/Kg (| Ú | Z |
| 48295 48395 | 4 | 6 FT | | | ,1,1-TRICHLOROETHANE | 71-55-6 | 5 | 5 ug/Kg | U i | Z |
| 48395 | 0 | 2 FT 5 FT | | | ,1,1-TRICHLOROETHANE ,1,1-TRICHLOROETHANE | 71-55-6 | 5' | | | Z |
| 05093 | 1 | 2 FT | BH | 00062AE 1 | ,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | | | |
| 05093 | 5 | 6 FT | | | ,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | 5 ug/Kg | U !\ | V |
| 05193 05393 | 1 2 | · 1FT | | | ,1,2,2-TETRACHLOROETHANE ,1,2,2-TETRACHLOROETHANE | 79-34-5 79-34-5 | 6 | | | |
| 40093 | 1 | 2 FT | | | ,1,2,2-TETRACHLOROETHANE ,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 6 | | | |
| 40093 | 4 | 5 FT | | | 1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | | |

| H OCATION | DEPTHI DEPTHI | UNIT : | Table A.7 Solar Evapo | ration Ponds AOC - Analytical R | esults for Subsurface | | DETECTION | | | II AR DECIM | VALIDATION |
|--|---|--|--|--|-----------------------|--|-----------------------|---|---|---------------------------------|------------------|
| CODE | START END | | SAMPLE NUMBER | Analyte | | CAS NO. | LIMIT | | UNITS | QUALIFIER | |
| 40293 | 2 2 | FT | BH40119AE | 1,1,2,2-TETRACHLOROETH | NE | 79-34-5 | 6 | 6 | ug/Kg | įŪ | V |
| 40393 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | (V |
| 40693 40793 | | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6 | | ug/Kg | | IV IV |
| 40793 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 32 | | ug/Kg ug/Kg | | iv |
| 40893 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | 5 | ug/Kg | | V |
| 40893 40993 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | | ug/Kg | | IV. |
| 40993 | | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 | | ug/Kg ug/Kg | | iV iV |
| 41193 | | | · | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | V |
| 41293 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 28 | 28 | ug/Kg | U | V |
| 41593 41693 | | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 | *************************************** | ug/Kg | | IV |
| 41793 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 5 | | ug/Kg ug/Kg | | IV IV |
| 41793 | 5 6 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | Ň. |
| 41993 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | 5 | ug/Kg | U | V |
| 41993 42093 | | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 29 | | ug/Kg | | V V |
| 42193 | 1 2 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 12 | | ug/Kg ug/Kg | | V |
| 42293 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | J |
| 42393 | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | · | ug/Kg | | IV |
| 42493 42493 | | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 | | ug/Kg | | V . |
| 42593 | 5 61 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 5 | | ug/Kg ug/Kg | | V V |
| 42993 | 1 2 | FT i | BH40143AE | 1,1,2,2-TETRACHLOROETHA | NE | 79-34-5 | 5 | 5 | ug/Kg | U | V |
| 42993 | 5 6 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | V |
| 43193 43393 | 2 21 | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 11 | | ug/Kg ug/Kg | | V V |
| 43393 | 5 61 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | v |
| 43493 | 2 21 | FT | BH40320AE | 1,1,2,2-TETRACHLOROETHA | INE | 79-34-5 | 6 | 6 | ug/Kg | U | V |
| 43493 43693 | 5 6 3 3 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | V |
| 43093 | 1 1 | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6 5 | | ug/Kg ug/Kg | | V V |
| 43793 | 5 6 | | ····· | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | , | ug/Kg | | V |
| 43893 | 1 1/1 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | 6 | ug/Kg | U | V |
| 43993 43993 | 5 5 5 I | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 | | ug/Kg | U | V |
| 44093 | 1 2 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 12 | | ug/Kg ug/Kg | | V V |
| 44393 | 5 6 | FT I | BH40035AE | 1,1,2,2-TETRACHLOROETHA | NE | 79-34-5 | 12 | | ug/Kg | | v |
| 44393 | 1/ 1/ | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 28 | | ug/Kg | | V |
| 44893 45693 | 2 2 5 5 6 6 | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6 | | ug/Kg | | V |
| 45693 | 1 1 1 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 7 | | ug/Kg ug/Kg | | V |
| 45793 | 5 6iF | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | 6 | ug/Kg | U | V |
| 45893 45893 | 2 2 2 1 5 5 5 F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | V |
| 46193 | 0 1 | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | . 6 | | ug/Kg ug/Kg | | V V |
| 46293 | 2 31 | FT 3 | BH40566AE | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | V - |
| 46593 | 2 2 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | 5 | ug/Kg | U | V |
| 46693 46793 | 1 1 1 1 | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 5 | | ug/Kg | | <u>v</u> |
| 46893 | 1 2 5 | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | | ug/Kg ug/Kg | | V |
| 46993 | 3 3 6 | | BH40758AE | 1,1,2,2-TETRACHLOROETHA | NE | 79-34-5 | 5 | 5 | ug/Kg | U | · |
| 48195 | 0 2 F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | | ug/Kg | | Z |
| 48195 48195 | 2 4 F | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 5 | ······································ | ug/Kg | | Z |
| 48295 | 0 2 F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 5 | | ug/Kg ug/Kg | | Z . |
| 48295 | 2 4 5 | | BH00105PE | 1,1,2,2-TETRACHLOROETHA | NE . | 79-34-5 | 5 | 5 | ug/Kg | U | Z |
| 48295 48395 | 4: 6[F 0, 2[F | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | <u>5</u> | | ug/Kg | | Z |
| 48395 | 4 5)F | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 5 | | ug/Kg ug/Kg | | Z |
| 48395 | 2 4jF | -T | BH00108PE | 1,1,2,2-TETRACHLOROETHA | NE | 79-34-5 | | 200 | ug/Kg | JN | Ž |
| 48395 D208080 | 4 5 F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | | | ug/Kg | JN | Z |
| P208989 P209189 | 5, 7jF 0, 1jF | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6, 6 | | ug/Kg ug/Kg | | <u> </u> |
| P209189 | 4; 6!F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6 | | ug/Kg | | v |
| P209489 | 4 5 F | -1 (5 | SEP2289BR0406 | 1,1,2,2-TETRACHLOROETHA | NE | 79-34-5 | 5 | 5 | ug/Kg | U | V |
| P209489 P209889 | 0 1 F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 6, | | ug/Kg | | V |
| P209889 | 4; 6 F | | | 1,1,2,2-TETRACHLOROETHA 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6; 6; | | ug/Kg ug/Kg | | V |
| P210189 | 0 2 F | -T : | SEP3089BR0002 | 1,1,2,2-TETRACHLOROETHA | NE I | 79-34-5 | 650 | | ug/Kg | | Ā |
| P210189 | 5 7 F | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 | 720 | 720 | ug/Kg | Ü | V |
| P210289 | 0 2iF 4 5F | | | I,1,2,2-TETRACHLOROETHA I,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6 | | ug/Kg | | <u>V</u> |
| P210289 i | | | | 1,1,2,2-TETRACHLOROETHA | | 79-34-5 79-34-5 | 6 | | ug/Kg ug/Kg | | V |
| | 2 4)F | , ,, | | | | 79-00-5 | 5 | | ıg/Kg | | V |
| P210289 SP0387 05093 | 1 2 F | -T [6 | BH00062AE | I,1,2-TCA | | | | | | | |
| SP0387 05093 | 1 2 F 5 6 F | T | 3H00062AE : : | 1,1,2-TCA | [| 79-00-5 | 5 | 5)1 | ıg/Kg | U (| V |
| SP0387 05093 05093 05193 | 1 2 F 5 6 F 1 1 F | 7 E | BH00062AE BH00063AE BH00067AE | I.1,2-TCA I.1,2-TCA | | 79-00-5 79-00-5 | 6 | 5)ı 6)ı | ug/Kg ug/Kg | U (| v |
| SP0387 05093 05093 05193 05393 40093 | 1 2 F 5 6 F 1 1 F 2 2 F 1 2 F | - T E E E E E E E E E | BH00062AE BH00063AE BH00067AE BH00077AE BH40168AE | 1,1,2-TCA | | 79-00-5 | 5 6 5 6 | 5](6](5](| ıg/Kg | U (U (| |
| SP0387 05093 05093 05193 05393 40093 140093 | 1 2 F 5 6 F 1 1 1 F 2 2 1 F 1 2 F 4 5 F 4 | 7 E | BH00062AE BH00063AE BH00067AE BH00077AE BH40168AE BH40169AE | 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA | | 79-00-5 79-00-5 79-00-5 79-00-5 79-00-5 | 6 5 6 | 5] 6] 5] 6] 6] | ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg | U { U } U } U } | V V V |
| SP0387 05093 05093 05193 05393 40093 40093 40093 40093 05293 | 1 2 F 5 6 F 1 1 F 2 2 F 1 2 F 4 5 F 2 2 F | न । न । न । न । न । न । | BH00062AE BH00063AE BH00067AE BH00077AE BH00077AE BH40168AE BH40169AE | 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA | | 79-00-5 79-00-5 79-00-5 79-00-5 79-00-5 79-00-5 | 6 5 6 6 6 | 5 0 6 0 5 0 6 0 6 0 6 0 | .g/Kg .g/Kg .g/Kg .g/Kg .g/Kg | U 1 U 1 U 3 U 1 U 1 | V V V V |
| SP0387 05093 05093 05193 05393 040093 040093 051 | 1 2 F 5 6 F 1 1 1 F 2 2 1 F 1 2 F 4 5 F 4 | न । न । न । न । न । न । न । न । | 3H00062AE 3H00063AE 3H00067AE 3H00067AE 3H40168AE 3H40169AE 3H40119AE 3H40119AE | 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA 1,1,2-TCA | | 79-00-5 79-00-5 79-00-5 79-00-5 79-00-5 | 6 5 6 | 5] 6] 5] 6] 6] 6] | ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg | | V V V |

| | | | ration Ponds AOC - Analytical Results for S | | | | | |
|----------------------------------|----------------------------|---------------------------------------|---|-----------------------------------|-------------|-----------------------------|------------|--|
| | DEPTH DEPTH UNIT | | Analyte | CASNO | DETECTION F | ESULT UNITS | CHAIRESULT | QUALIFIER |
| 40793 | 1 2 FT | BH40158AE | 1,1,2-TCA | 79-00-5 | 32 | 32 ug/Kg | | the territory delication for you |
| 40893 | 4, 5'FT | BH40032AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | | |
| 40893 | 1 1FT | IBH40031AE | 11,1,2-TCA | 79-00-5 | 5 | 29 ug/Kg L | | V |
| 40993 | 5 6 FT | 8H40203AE 8H40202AE | 11,1,2-TCA 11,1,2-TCA | 79-00-5 79-00-5 | 5 6 | 5 ug/Kg L 6 ug/Kg L | | |
| 41193 | 1 2 FT | BH40050AE | 1,1,2-TCA | 79-00-5 | 6 | 6;ug/Kg !L | | |
| 41293 | 1 2 FT | BH40197AE | 1,1,2-TCA | 79-00-5 | 28 | 28 ug/Kg L | | |
| 41593 | 5 5FT | BH40211AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg l | | |
| 41693 | 2 2 FT | BH40218AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | | |
| 41793 41793 | 2 3 FT 5 6 FT | BH40244AE BH40245AE | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 5 6 | 5 ug/Kg L 6 ug/Kg L | | |
| 41993 | 2 2FT | BH40063AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | | |
| 41993 | 5 5 FT | BH40064AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | J N | V |
| 42093 | 1 2 FT | BH40484AE | 1,1,2-TCA | 79-00-5 | 29 | 29 ug/Kg L | | |
| 42193 42293 | 1 2 FT 4 4 FT | BH40436AE BH40254AE | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 12 6 | 12 ug/Kg L 6 ug/Kg L | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| 42393 | 1 1 FT | BH40262AE | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg L | | |
| 42493 | 5, 5FT | BH40284AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | | |
| 42493 | 2 3 FT | BH40283AE | 1,1,2-TCA | 79-00-5 | 6 | 6jug/Kg it | | |
| 42593 | 5 6 FT | BH40292AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | | |
| 42993 42993 | 1 2 FT 5 6 FT | BH40143AE BH40145AE | 11,1,2-TCA 11,1,2-TCA | 79-00-5 79-00-5 | 5 6 | 5 ug/Kg L 6 ug/Kg L | | |
| 43193 | 2 2 FT | BH40307AE | 1,1,2-TCA | 79-00-5 | 11 | 11jug/Kg L | | |
| 43393 | 2 2 FT | BH40325AE | 1,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg L | J i | / |
| 43393 | 5 6 FT | BH40326AE | 11.1,2-TCA | 79-00-5 | 6, | 6 ug/Kg L | | |
| 43493 43493 | 2 2 FT 5 6 FT | BH40320AE BH40321AE | 11,1,2-TCA 11,1,2-TCA | 179-00-5 179-00-5 | 6 6 | 6jug/Kg it | | |
| 43693 | 3 3 FT | :BH40341AE | 11,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg L 6 ug/Kg L | | |
| 43793 | 1 1:FT | BH40333AE | 11,1,2-TCA | 79-00-5 | 5 | 5 ug/Kg it | | |
| 43793 | 5 6FT | BH40334AE | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg L | , i | |
| 43893 | 1 1 FT 5 5 FT | BH40071AE BH40355AE | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 6 5 | 6 ug/Kg !L | | |
| 43993 | 1 1FT | BH40354AE | 11,1,2-TCA | 79-00-5 | <u>5</u> | 5 ug/Kg t 6 ug/Kg t | | |
| 44093 | 1 2 FT | BH40349AE | 11,1,2-TCA | 79-00-5 | 12 | 12 ug/Kg | | |
| 44393 | 5 6FT | BH40035AE | 1,1,2-TCA | 79-00-5 | 12 | 12 ug/Kg L | | |
| 44393 | 1 1 FT | !BH40034AE | 1,1,2-TCA | 79-00-5 | 28 | 28 ug/Kg L | <u> </u> | |
| 44893 | 2 2 FT 5 6 FT | BH40190AE BH40376AE | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 6 | 6 ug/Kg L 6 ug/Kg L | | |
| 45693 | 1 1FT | IBH40375AE | 1,1,2-TCA | 79-00-5 | 7: | 7jug/Kg IL | | |
| 45793 | 5 6 FT | BH40560AE | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg L | | |
| 45893 | 2) 2 FT | BH40378AE | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg L | | |
| 45893 46193 | 5 5 FT 0 1 FT | BH40379AE BH40386AE | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 6 | 6jug/Kg IL | | |
| 46293 | 2 3 FT | BH40566AE | 1,1,2-TCA | 79-00-5 | 30; | 30jug/Kg L 6jug/Kg L | | |
| 46593 | 2 2 FT | BH40701AE | 1,1,2-TCA | 79-00-5 | 5 | 5lug/Kg L | | |
| 46693 | 1 1 FT | BH40716AE | 1,1,2-TCA | 79-00-5 | 5 | 6 ug/Kg L | J N | |
| 46793 46893 | 1) 2FT 1) 2FT | BH40730AE BH40744AE | 1,1,2-TCA | 79-00-5 | 5 | 6jug/Kg L | | |
| 46993 | 1 2 FT 3 3 FT | BH40758AE | 11,1,2-TCA 11,1,2-TCA | 79-00-5 79-00-5 | 5 | 5¦ug/Kg L 5 ug/Kg L | | |
| P208989 | 5 7 FT | SEP1789BR0406 | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg L | | |
| P209189 | 0, 1,FT | SEP1989BR0002 | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg U | | 7 |
| P209189 | 4 6FT | ISEP1989BR0406 | 1,1,2-TCA | 79-00-5 | 6 | 6.ug/Kg U | | |
| P209489 P209489 | 4 5FT 0 1FT | SEP2289BR0406 SEP2289BR0002 | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | | 5 ug/Kg U | | |
| P209889 | 0 2/FT | SEP2689BR0002 | 1,1,2-TCA | 79-00-5 | 6 | 6jug/Kg U 6jug/Kg U | | |
| P209889 | 4, 6,FT | SEP2689BR0406 | 1,1,2-TCA | 79-00-5 | 6 | 6jug/Kg U | | |
| P210189 | 0 2/FT | SEP3089BR0002 | 1,1,2-TCA | 79-00-5 | 650 | 650 ug/Kg U | | |
| P210189 P210289 | 5 7/FT 0 2/FT | SEP3089BR0406 SEP3189BR0002 | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 720 | 720 ug/Kg U | | |
| P210289 | 0 2F1 4 5FT | ISEP3189BR0002 | 1,1,2-1CA 1,1,2-TCA | 79-00-5 79-00-5 | 6 | 6 ug/Kg U 6 ug/Kg U | | |
| SP0387 | 2; 4)FT | SP038702DH | 1,1,2-TCA | 79-00-5 | | 25 ug/Kg U | | |
| 48195 | 0 2 FT | BH00101PE | 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 | 5·ug/Kg U | | |
| 48195 48195 | 2 4 FT 4 6 FT | BH00102PE | 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 | 5 ug/Kg U | | |
| 48195 | 4 5 FT 0 2 FT | BH00103PE BH00104PE | 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE | 79-00-5 79-00-5 | 5 | 5jug/Kg U 5jug/Kg U | | |
| 48295 | 2 4 FT | BH00105PE | 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 | 5 ug/Kg U | | |
| 48295 | 4; 6 FT | BH00106PE | 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 | 5 ug/Kg i U | | Z |
| 48395 | 0 2 FT | BH00107PE | 1,1,2-TRICHLOROETHANE | 79-00-5 | 5 | 5 ug/Kg U | 1 2 | Z |
| 48395 05093 | 4 5 FT 1 2 FT | BH00109PE BH00062AE | 1,1,2-TRICHLOROETHANE | 79-00-5 75-34-3 | 5 5 | 5 ug/Kg U | | |
| 05093 | 5 6FT | BH00063AE | 1,1-DCA | 75-34-3 | 5 | 5 ug/Kg U 5 ug/Kg U | | |
| 05193 | 1 1 FT | BH00067AE | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg U | | |
| 05393 | 2 2 FT | BH00077AE | 1,1-DCA | 75-34-3 | 5 | 5 ug/Kg U | V | / |
| 40093 | 1 2 FT | BH40168AE BH40169AE | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg U | | |
| 40093 40293 | 4 5 FT 2 2 FT | (BH40169AE (BH40119AE | 1,1-DCA | 75-34-3 75-34-3 | 6 6 | 6 ug/Kg U 6 ug/Kg U | | |
| 40393 | 2 2 FT | | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg U | | |
| 40693 | 1 2 FT | BH40151AE | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg U | V | / |
| 40793 | 5 6FT | BH40159AE | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg U | | |
| | 1 2 FT | BH40158AE | 1,1-DCA | 75-34-3 | 32 | 32 ug/Kg U | | |
| 40793 | | IBH40032AF | I 1-DCA | 175 21 2 | | | | |
| 40793 40893 | 4 5FT | BH40032AE BH40031AE | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 5 5 | 5 ug/Kg U 29 ug/Kg U | | |
| 40793 40893 40893 40993 | 4 5 FT 1 1 FT 5 6 FT | BH40031AE BH40203AE | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 75-34-3 | 5 5 5 | 29 ug/Kg U 5 ug/Kg U | iv | <u> </u> |
| 40793 | 4 5 FT 1 1 FT | BH40031AE BH40203AE BH40202AE | 1,1-DCA | 75-34-3 | 5 | 29 ug/Kg U | iv V | , , |

| LOCATION | DEPTHI DEPTH | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | 2 1 3 7 3 | DETECTION | | à . , · | LAB RESULT | VALIDATION |
|--|---|---|--|---|--|---|---|---|-------------|---|
| CODE | START END | CODE | SAMPLE NUMBER | Analyte | CAS NO | UMIT | | | QUALIFIER | |
| 41293 | | 2 FT | BH40197AE | 1,1-DCA | 75-34-3 | 28 | 28 ug | /Kg | U | V |
| 41593 | | 5FT | | 1,1-DCA | 75-34-3 | | 5 uç | y/Kg | U | V |
| 41693 | | 2;FT | BH40218AE | 1,1-DCA | 75-34-3 | 5 | | y/Kg i | | IV |
| 41793 | | 3 FT | | 1,1-DCA | 75-34-3 | 5 | | /Kg | | (V |
| 41793 41993 | | 6FT 2FT | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | i 6 | | /Kg | | IV IV |
| 41993 | * | 2;F1 5!FT | | 1,1-DCA | 175-34-3 | 5 | | /Kg | | V |
| 42093 | | 2 FT | | 1,1-DCA | 75-34-3 | 29 | | /Kg | | ÍV |
| 42193 | | 2 FT | | 1,1-DCA | 75-34-3 | 12 | | /Kg | | V |
| 42293 | | | | 1,1-DCA | 75-34-3 | 6 | 6 00 | /Kg | U | J |
| 42393 | | 1 FT | | 1,1-DCA | 75-34-3 | ! € | | /Kg | | V |
| 42493 | | 5 FT | | | 75-34-3 | 5 | | /Kg | | V |
| 42493 42593 | | 3 FT 6 FT | | 1,1-DCA 1,1-DCA | 75-34-3 | 6 | | ı/Kg | | V |
| 42993 | | 2 FT | | 1,1-DCA | 75-34-3 75-34-3 | 5 | | /Kg /Kg | | V V |
| 42993 | | 6 FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | v |
| 43193 | | 2 FT | | 1,1-DCA | 75-34-3 | 11 | | /Kg | | v |
| 43393 | 2 | 2 FT | BH40325AE | 1,1-DCA | 75-34-3 | 5 | | /Kg | | V |
| 43393 | | 6FT | | 1,1-DCA | 175-34-3 | 6 | 6 ug | /Kg i | U | V |
| 43493 | | 2 FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| 43493 | | 6 FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V . |
| 43693 43793 | | 3 FT 1 FT | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 6 | | /Kg | | IV IV |
| 43793 | | 6FT | | 1,1-DCA 1,1-DCA | 75-34-3 | 5 | | /Kg /Kg | | V |
| 43893 | | 1 FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| 43993 | | 5 FT | | 1,1-DCA | 75-34-3 | 5 | | /Kg | | V |
| 43993 | | 1FT | BH40354AE | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| 44093 | | 2 FT | | 1,1-DCA | 75-34-3 | 12 | 12 ug | /Kg | U | V |
| 44393 | | 6 FT | | 1,1-DCA | 75-34-3 | 12 | | /Kg | | ٧ |
| 44393 | | 1IFT | | 1,1-DCA | 75-34-3 | 28 | | /Kg | | V |
| 44893 45693 | | | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 6 | | /Kg | | V |
| 45693 | | | | 1,1-DCA | 75-34-3 | 7 | | /Kg /Kg | | V |
| 45793 | | | | 1,1-DCA | 75-34-3 | 6 | ······· | /Kg | | v |
| 45893 | | 2FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V. |
| 45893 | | | BH40379AE | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| 46193 | | | | 1,1-DCA | 75-34-3 | 30 | 30 ug | /Kg | | V |
| 46293 | | | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | ٧ |
| 46593 | | | | 1,1-DCA | 75-34-3 | 5 | | /Kg | | V |
| 46693 46793 | | 1 FT 2 FT | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 5 | | /Kg | | V |
| 46893 | | | | 1,1-DCA | 75-34-3 | 5 5 | | /Kg /Kg | | V V |
| 46993 | | | | 1,1-DCA | 75-34-3 | 5 | | /Kg | | V |
| P208989 | 5 | 7 FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| P209189 | | | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| P209189 | | | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | ٧ |
| P209489 | | | | 1,1-DCA | 75-34-3 | 5 | | /Kg | | V |
| P209489 P209889 | | | | 1,1-DCA 1,1-DCA | 75-34-3 | 6 | · | /Kg | ··· | V |
| P209889 | | 6 FT | | 1,1-DCA | 75-34-3 75-34-3 | 6 | | /Kg /Kg | | V V |
| P210189 | | 2.FT | | 1,1-DCA | 75-34-3 | 650 | | | | A |
| P210189 | | 7 FT | | 1,1-DCA | 75-34-3 | 720 | | | | v |
| P210289 | | 2 FT | | 1,1-DCA | 75-34-3 | 6 | | /Kg | | V |
| P210289 | | | | 1,1-DCA | 75-34-3 | 6 | 6 ug | /Kg | U | V |
| SP0387 | | | | 1,1-DCA | 75-34-3 | | | /Kg | | |
| 05093 05093 | | | | 1,1-DCE | 75-35-4 | 5 | | /Kg | | V |
| 05093 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 5 6 | | /Kg | | <u>V '</u> |
| 05193 | | | | 1,1-DCE | 75-35-4 | 5 | | /Kg /Kg | | <u>v</u> |
| 40093 | . - , | | | 1,1-DCE | | | 2 00 | | | V |
| | 1 1 | 2 FT | BH40168AE | 1,1-DCE | 75-35-4 | 6 | 6100 | /Ka ⊹ | | |
| | 4 | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 6 6 | | /Kg | | V |
| 40093 40293 | 2 | 5¦FT 2¦FT | BH40169AE BH40119AE | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 6 | 6 ug | /Kg /Kg | U U | V |
| 40293 40393 | 2 2 | 5¦FT 2 FT 2 FT | BH40169AE BH40119AE BH40124AE | 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 | 6 6 6 | 6 ug 6 ug 6 ug | /Kg /Kg /Kg | U U U | V V |
| 40293 40393 40693 | 2 2 1 | 5;FT 2 FT 2 FT 2;FT | BH40169AE BH40119AE BH40124AE BH40151AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 | 6 ug 6 ug 6 ug 6 ug | /Kg /Kg /Kg /Kg | U U | V V V |
| 40293 40393 40693 40793 | 2 2 1 1 | 5 FT 2 FT 2 FT 2 FT 5 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 | 6 ug 6 ug 6 ug 6 ug 6 ug | /Kg /Kg /Kg /Kg | | V V V |
| 40293 40393 40693 40793 40793 | 4 2 2 2 1 1 5 | 5 FT 2 FT 2 FT 2 FT 2 FT 6 FT 2 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40158AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 32 | 6 ug 6 ug 6 ug 6 ug 6 ug 6 ug | /Kg /Kg /Kg /Kg /Kg | | V V V V |
| 40293 40393 40693 40793 40793 40893 | 4 2 2 2 1 1 1 5 1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 | 5 FT 21 FT 21 FT 22 FT 61 FT 21 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH40032AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 32 | 6 ug 6 ug 6 ug 6 ug 6 ug 6 ug | /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 | 4 2 2 2 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 | 5 FT 22 FT 22 FT 22 FT 61 FT 22 FT 5 FT 11 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH40032AE BH40032AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 6 32 5 5 | 6 ug 6 ug 6 ug 6 ug 6 ug 6 ug 32 ug 5 ug | /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40993 40993 | 4 2 2 2 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 | 5 FT 22 FT 22 FT 22 FT 50 FT 22 FT 11 FT 50 FT 22 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40158AE BH40032AE BH40031AE BH40031AE BH40031AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 32 | 6 ug 6 ug 6 ug 6 ug 6 ug 32 ug 5 ug 29 ug | /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40993 40993 41193 | 4 2 2 2 1 1 5 1 4 1 5 5 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 | 5,FT 22FT 22FT 22FT 22FT 22FT 11FT 56FT 22FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH400159AE BH40032AE BH40032AE BH400203AE BH40203AE BH40202AE BH40002AE | 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 66 66 66 32 55 5 56 66 | 6 ug 6 ug 6 ug 6 ug 6 ug 5 ug 5 ug 5 ug 6 ug | /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40993 41193 41293 | 4 2 2 2 1 1 5 5 1 1 5 5 1 1 1 1 1 | 55,FT 22,FT 22,FT 23,FT 25,FT 11,FT 36,FT 22,FT 22,FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH40015AE BH40031AE BH40031AE BH40203AE BH40202AE BH40202AE BH40197AE | 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 66666666555555555666628 | 6 ug 6 ug 6 ug 6 ug 6 ug 5 ug 5 ug 5 ug 5 ug 6 ug 6 ug | /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40893 40993 41193 41193 41293 41593 | 4 2 2 2 1 1 1 5 5 1 1 1 1 1 1 5 5 1 1 1 1 | 55FT 22FT 22FT 22FT 22FT 22FT 11FT 22FT 22 | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH40032AE BH40031AE BH40020AE BH400050AE BH40050AE BH40150AE BH40150AE BH40150AE BH40150AE | 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 6 5 5 5 6 6 6 6 5 5 5 5 5 5 5 6 6 5 5 5 5 5 5 5 6 6 6 6 5 5 5 5 5 5 5 5 5 6 6 6 6 5 5 5 5 5 5 5 5 5 5 5 6 | 6 ug 6 ug 6 ug 6 ug 32 ug 5 ug 5 ug 5 ug 6 ug 6 ug 5 ug | /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40893 40993 41193 41193 41193 41193 41193 41193 | 4 2 2 2 1 1 5 5 1 1 1 1 1 1 1 5 5 2 2 1 1 1 1 | 55 FT 25 FT 25 FT 26 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40158AE BH40031AE BH40031AE BH40203AE BH40203AE BH40203AE BH40203AE BH4021AE BH40211AE BH40211AE | 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 32 5 5 6 6 28 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 | 6 lug 6 lug 6 lug 6 lug 6 lug 5 lug 5 lug 5 lug 5 lug 6 lug 28 lug 5 lug 5 lug | /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40893 40993 41193 41293 41593 41593 41693 | 4 2 2 2 1 1 5 5 1 1 1 1 1 1 5 5 1 1 1 1 1 | 55 FT 22 FT 22 FT 25 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 23 FT 25 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40032AE BH40032AE BH400203AE BH40203AE BH40203AE BH40202AE BH40202AE BH4021AE BH40211AE BH40211AE BH40211AE BH40218AE | 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 6 6 6 6 32 5 5 5 6 6 28 5 5 | 6 lug 6 lug 6 lug 6 lug 6 lug 32 lug 5 lug 5 lug 6 lug 6 lug 5 lug 5 lug 5 lug 5 lug | /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40893 40993 41193 41193 41293 41593 41693 41793 | 4 2 2 2 1 1 1 5 5 1 1 1 1 1 5 5 2 2 2 5 5 | 55FT 22FT 22FT 22FT 22FT 22FT 32FT 32FT 32 | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH40015AE BH40031AE BH400203AE BH40202AE BH40202AE BH40217AE BH4021AE BH4021AE BH4021AE BH4021AE | 1,1-DCE | 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 32 lug 29 lug 5 lug 6 lug 28 lug 5 lug 5 lug 6 lug 6 lug 6 lug 6 lug | Kg Kg Kg Kg Kg Kg Kg Kg | | V V V V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40893 40993 41193 41193 41593 41793 41793 41793 | 4 2 2 2 1 1 1 5 5 1 1 1 1 1 1 1 1 1 5 5 2 2 2 2 | 55 FT 22 FT 25 FT | BH40169AE BH40119AE BH401151AE BH40151AE BH40159AE BH400158AE BH40031AE BH40031AE BH40031AE BH40203AE BH40020AE BH400197AE BH4021BAE BH4021BAE BH4021AE BH4024AAE BH4024AAE BH4003AE | 1,1-DCE | 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 32 lug 29 lug 5 lug 6 lug 28 lug 5 lug 5 lug 6 lug 6 lug 6 lug 6 lug | Kg Kg Kg Kg Kg Kg Kg Kg | | V V V V V V V V V V V V |
| 40293 40393 40693 40793 40793 40793 40893 40893 40893 41193 41293 41593 41793 41793 41793 41793 41793 41793 41793 41793 | 4 2 2 1 1 5 5 1 1 1 1 1 1 5 5 2 2 2 5 5 5 5 | 55 FT 22 FT 22 FT 25 FT 35 FT 36 FT 22 FT 25 FT | BH40169AE BH40119AE BH40119AE BH40151AE BH40159AE BH40032AE BH40032AE BH400203AE BH40203AE BH40203AE BH40211AE BH40211AE BH40211AE BH40244AE BH40245AE BH40245AE BH40036AE BH40034AE | 1,1-DCE | 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 7 lug | /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg /Kg | | V V V V V V V V V V V |
| 40293 40393 40393 40793 40793 40893 40893 40893 40993 41193 41593 41593 41693 41793 41793 41993 41993 41993 42093 42193 | 4 2 2 1 1 5 5 1 1 1 5 5 2 2 5 5 5 1 1 1 1 1 1 1 | 55 FT 22 FT 22 FT 22 FT 25 FT 11 FT 66 FT 22 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH400158AE BH40032AE BH40032AE BH40202AE BH40202AE BH402017AE BH40211AE BH40211AE BH40216AE BH40216AE BH4026AE BH40063AE BH40063AE BH40063AE BH40064AE BH40064AE | 1,1-DCE | 75-35-4 | 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 8 lug 8 lug 8 lug 9 lug 9 lug 9 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug 1 lug | Kg | | V V V V V V V V V V V V V |
| 40293 40393 40393 40793 40793 40893 40893 40893 40993 41193 411293 41593 41793 41793 41793 41993 41993 42093 42293 | 4 2 2 1 1 5 5 1 1 1 5 5 2 2 5 5 1 1 1 1 1 1 1 1 | 55 FT 22 FT 24 FT | BH40169AE BH40119AE BH401151AE BH40151AE BH40155AE BH40155AE BH40032AE BH40031AE BH40203AE BH40203AE BH40203AE BH40211AE BH40211AE BH40214AE BH40244AE BH40245AE BH40044AE BH40044AE BH40044AE BH40044AE BH40044AE BH40044AE | 1,1-DCE | 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 7 lug 8 lug 7 lug 7 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 8 lug 6 lug 8 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug | Kg Kg Kg Kg Kg Kg Kg Kg | | V V V V V V V V V V V V V V V V |
| 40293 40393 40693 40793 40793 40793 40893 40893 40893 41993 41193 41293 41593 41793 41793 41793 41993 41993 42093 42193 42293 42293 | 4 2 2 1 1 5 5 1 1 1 1 5 5 2 2 2 5 5 1 1 1 1 | 55 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 22 FT 24 FT | BH40169AE BH40119AE BH40124AE BH40151AE BH40159AE BH40159AE BH40032AE BH40032AE BH400203AE BH40203AE BH40203AE BH40203AE BH40204AE BH40211AE BH40211AE BH40244AE BH40245AE BH40045AE BH40045AE BH40045AE BH40043AE BH4048AE | 1,1-DCE | 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 7 lug 8 lug 9 lug 5 lug 6 lug 5 lug 6 lug 5 lug 6 lug 5 lug 5 lug 7 lug 6 lug 7 lug 8 lug 8 lug 8 lug 9 lug 9 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug | Kg Kg Kg Kg Kg Kg Kg Kg | | V V V V V V V V V V V V V V V V V V V |
| 40293 40393 40693 40793 40793 40893 40893 40893 40993 41193 41293 41593 41793 41793 41793 41993 41993 42293 42293 42293 42293 42293 | 4 2 2 1 1 5 5 5 1 1 1 1 1 | 55 FT 22 FT 23 FT 25 FT | BH40169AE BH40119AE BH40124AE BH40159AE BH40159AE BH40159AE BH40031AE BH40031AE BH40203AE BH40203AE BH40203AE BH40201AE BH40211AE BH40211AE BH4021AE BH4021AE BH4024AE BH4024AE BH4024AE BH40245AE BH40063AE BH40063AE BH40063AE BH40063AE BH40063AE BH40063AE BH4025AE BH4025AE BH4025AE BH4025AE BH4025AE BH4025AE | 1,1-DCE | 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 7 lug 8 lug 7 lug 8 lug 8 lug 8 lug 9 lug 9 lug 9 lug 1 lug 6 lug 6 lug 6 lug 6 lug 6 lug | Kg Kg Kg Kg Kg Kg Kg Kg | | V V V V V V V V V V V V V V V V V V V |
| 40293 40393 40693 40793 40793 | 4 2 2 2 1 1 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 | 55 FT 22 FT 25 FT | BH40169AE BH40119AE BH40119AE BH40151AE BH40159AE BH400159AE BH40031AE BH40031AE BH40203AE BH40203AE BH40203AE BH40218AE BH40218AE BH40218AE BH40245AE BH40245AE BH40064AE BH4048AE BH40254AE BH40254AE BH40254AE BH40254AE | 1,1-DCE | 75-35-4 | 66666666666666666666666666666666666666 | 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 7 lug 8 lug 8 lug 8 lug 8 lug 9 lug 1 lug 6 lug 9 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug 6 lug | Kg Kg Kg Kg Kg Kg Kg Kg | | V V V V V V V V V V V V V V V V V V V |

| COOLTION | Lacati | 15055.11 | | | ation Ponds AOC - Analytical Results for Subsurface | | | | | | TTTT: 18 / 8/20 |
|--------------------|--------|-------------|------|---------------|---|-----------------------|------------------|------------------|---|-------------|-----------------|
| LOCATION | START | | CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION | RESULTI | INITS | LAB RESULT | |
| 42993 | 1 | 2.F | | | 1,1-DCE | 75-35-4 | 5 | | g/Kg | | IV |
| 42993 | 5 | | | | 1,1-DCE : | 75-35-4 | 6 | | g/Kg | | V |
| 43193 | 2 | | | | 1,1-DCE | 75-35-4 | 11 | | g/Kg | | IV. |
| 43393 | . 2 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 5 6 | | g/Kg g/Kg | | IV IV |
| 43493 | 2 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | l v |
| 43493 | 5 | 6 F | | | 1,1-DCE | 75-35-4 | 6. | | g/Kg | | İV |
| 43693 | 3 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | IV |
| 43793 | 1 5 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 5 | | g/Kg | | IV IV |
| 43893 | 1 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg g/Kg | | IV. |
| 43993 | 5 | | | | 1,1-DCE | 75-35-4 | 5 | | g/Kg | | İV |
| 43993 | 1 | | | | 1,1-DCE | 75-35-4 | 6 | 6 u | g/Kg | U | ĮV |
| 44093 44393 | 1 | | | | 1,1-DCE | 75-35-4 | 12 | | g/Kg | | IV. |
| 44393 | 5 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 12 | | g/Kg g/Kg | | IV IV |
| 44893 | 2 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | ĺv |
| 45693 | 5 | | | | 1,1-DCE | 75-35-4 | 6 | 6 ₁ u | g/Kg | U | V |
| 45693 | 1 | | | | 1,1-DCE | 75-35-4 | 7. | | g/Kg | | V |
| 45793 45893 | 5 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 6 | | g/Kg g/Kg | | IV V |
| 45893 | 5 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | IV |
| 46193 | 0 | | | | 1,1-DCE | 75-35-4 | 30 | | g/Kg | | ĺv |
| 46293 | 2 | | T | BH40566AE | 1,1-DCE | 75-35-4 | 6 | 6 <u></u> u | g/Kg | U | V |
| 46593 | 2 | | | | 1,1-DCE | 75-35-4 | 5 | | g/Kg | | V |
| 46693 46793 | 1 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 5 5 | | g/Kg g/Kg | | IV IV |
| 46893 | 1 | | | | 1,1-DCE 1. | 75-35-4 | 5 | | g/Kg | | IV |
| 46993 | 3 | 3 F | T | BH40758AE | 1,1-DCE | 75-35-4 | 5 | 5 u | g/Kg | U | V |
| P208989 | 5 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | iv . |
| P209189 P209189 | . 0 | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 6. 6 | | g/Kg g/Kg | | IV V |
| P209489 | 4 | | | | 1,1-DCE | 75-35-4 | 5 | | g/Kg | | V |
| P209489 | 0 | 1 F | Ť | · | 1,1-DCE | 75-35-4 | 6. | | g/Kg | | İV |
| P209889 | 0 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | IV |
| P209889 P210189 | 0 | | | | 1,1-DCE 1,1-DCE | 75-35-4 | 6 | | g/Kg | | V |
| P210189 | 5 | | | | 1,1-DCE | 75-35-4 75-35-4 | 650, 720 | 650 u 720 u | | | A V |
| P210289 | 0 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | ů . |
| P210289 | 4 | | | | 1,1-DCE | 75-35-4 | 6 | | g/Kg | | V |
| SP0387 | 2 | | | | 1,1-DCE | 75-35-4 | | | g/Kg | | |
| 48195 48195 | 0 2 | | | | 1,1-DICHLOROETHANE | 75-34-3 75-34-3 | 5 _. 5 | | g/Kg g/Kg | | Z |
| 48195 | 4 | | | | 1,1-DICHLOROETHANE | 75-34-3 | 5 | | y/Kg | | Ž |
| 48295 | 0, | | | | 1,1-DICHLOROETHANE | 75-34-3 | 5 | | g/Kg | | Ž |
| 48295 | 2 | | | | 1,1-DICHLOROETHANE | 75-34-3 | 5 | | g/Kg | | ! Z |
| 48295 48395 | 4 0 | | | | 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE | 75-34-3 75-34-3 | 5 5 | | y/Kg | | Z |
| 48395 | 4 | 5 F | | | 1,1-DICHLOROETHANE | 75-34-3 | 5 | | g/Kg g/Kg | | Z |
| 48195 | 0 | | T | | 1,1-DICHLOROETHENE | 75-35-4 | 5 | | y/Kg | | Z |
| 48195 | 2 | | | | 1,1-DICHLOROETHENE | 75-35-4 | 5 | 5 u | у/Kg | U | Z |
| 48195 48295 | 4 0 | | | | I,1-DICHLOROETHENE | 75-35-4 | 5 | | y/Kg | | Z |
| 48295 | 2 | | | | I,1-DICHLOROETHENE I,1-DICHLOROETHENE | 75-35-4 75-35-4 | 5 | | y/Kg y/Kg | | Z |
| 48295 | 4 | | | | 1,1-DICHLOROETHENE | 75-35-4 | 5 | | /Kg | | Z |
| 48395 | 0 | | | | 1,1-DICHLOROETHENE | 75-35-4 | 5 | | /Kg | U | Z |
| 48395 | 4 | | | | 1,1-DICHLOROETHENE | 75-35-4 | 5 | | /Kg | | Z |
| 48395 41593 | 0 | | | | I ,2,3-TRIMETHYLBENZENE I ,2,4-TRICHLOROBENZENE | 1526-73-8 120-82-1 | 440 | 700 u 440 u | | | Z V |
| 42193 | 0 | | | | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 360 | 360 u | | | V |
| 42293 | 1 | 6 F | T I | BH40253AE | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 390 | 390 u | /Kg | U | J |
| 42493 | . 5 | | | | ,2,4-TRICHLOROBENZENE | 120-82-1 | 350 | 350 u | /Kg | U | V |
| 42493 42593 | 0 | | | | ,2,4-TRICHLOROBENZENE ,2,4-TRICHLOROBENZENE | 120-82-1 | 360 | 360 u | | | V |
| 43393 | 0 | | | | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 360 360 | 360 u | yng yKa | U II | V V |
| 43493 | 5 | 10 F | T) | | ,2,4-TRICHLOROBENZENE | 120-82-1 | 370 | 370 u | /Kg | U | Z |
| 43493 | 0; | 5 F | | BH40319AE | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 380 | 380 u | /Kg | U | Z |
| 43693 46593 | 0 | | | | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 360 | 360 u | /Kg | U | V |
| 46593 | 1 7 | | | | I,2,4-TRICHLOROBENZENE I,2,4-TRICHLOROBENZENE | 120-82-1 | 330 330 | 360 u | | | J |
| 46693 | 0 | | | | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330, | 390ju | | | V |
| 46793 | 0 | 6 F | T | BH40798AE | ,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | 370 u | /Kg | U | v |
| 46893 | 0 | 7 F | | | .2.4-TRICHLOROBENZENE | 120-82-1 | 330, | 370,u | | | V |
| 46993 46993 | 10 | 5 F | | | ,2,4-TRICHLOROBENZENE ,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | 350 ug | | | V |
| 47093 | 10 | | | | 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 330 | 380 ug 350 ug | <u>/ \ </u> | U I | V |
| 48,195 | 4 | 6 F | T į | | ,2,4-TRICHLOROBENZENE | 120-82-1 | 660 | 660 u | | | Z |
| 48195 | 0 | 2 F | Τ , | BH00101PE | ,2,4-TRICHLOROBENZENE | 120-82-1 | 760 | 760 uş | /Kg | Ū | Z |
| 48195 | 2 | | | | 2.4-TRICHLOROBENZENE | 120-82-1 | 790 | 790 u | | | Z |
| 48295 48295 | 0 | | | | ,2,4-TRICHLOROBENZENE ,2,4-TRICHLOROBENZENE | 120-82-1 120-82-1 | 740 770 | 740 ug | | | Z |
| 48295 | 4 | | | | ,2,4-TRICHLOROBENZENE | 120-82-1 | 770, | 770 ug 790 ug | | | Z Z |
| 48395 | 2 | 4 F | r j | BH00108PE | ,2,4-TRICHLOROBENZENE | 120-82-1 | 660 | 42 ug | /Kg | J | Z |
| 48395 | 4 | 5 F 2 F | | | ,2,4-TRICHLOROBENZENE | 120-82-1 | 750 | 750 uş | /Kg | U | Z |
| 48395 | | | | BH00107PE | ,2,4-TRICHLOROBENZENE | 120-82-1 | 810 | 810:ug | /Ko T | 11 - | Z |

| LOCATION | | | JUNIT | 42342 | ration Ponds AOC - Analytical Results for Subsurface | U JUNE LESS 11 | DETECTION | | LAB RESULT | |
|--------------------|------------|------|--------------|---------------|--|--------------------|-------------|--------------------------------|-------------|-----------------|
| CODE | START | *END | CODE | SAMPLE NUMBER | Analyte | CAS NO | LIMIT: * | RESULT UNITS | QUALIFIER | QUALIFIER |
| 05093 | 1 | | FT | | 1,2-DCA | 107-06-2 | 5 | | | V . |
| 05093 05193 | 5 | | FT : | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 | | | V |
| 05393 | 2 | | FT | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 | | | iV |
| 40093 | 1 | | FT | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 40093 | 4 | | FT | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 40293 | 2 | | | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 40393 | 2 | | FT | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 40693 | 1 | | FT | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 40793 40793 | 5 | | FT | | 1,2-DCA 1,2-DCA | 1107-06-2 | 6 | | | V |
| 40893 | 4 | | FT | | 1,2-DCA 1,2-DCA | 107-06-2 | 32 5 | | | V V |
| 40893 | 1 | | | | 1,2-DCA | 107-06-2 | 5 | | | V |
| 40993 | 5 | | FT | | 1,2-DCA | 107-06-2 | 5 | | | V |
| 40993 | 1 | | FT | | 1,2-DCA | 107-06-2 | 6 | | U | V |
| 41193 | 1 | | | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 41293 | 1 5 | | | | 1,2-DCA | 107-06-2 | 28 | | | V |
| 41593 | 2 | | | | 1,2-DCA 1,2-DCA | 1107-06-2 | 5 | | | V |
| 41793 | 2 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 5 | | | V V |
| 41793 | 5 | | | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 41993 | 2 | | | | 1,2-DCA | 107-06-2 | 5 | | | v |
| 41993 | 5 | 5 | FT | | 1,2-DCA | 107-06-2 | 5 | | | |
| 42093 | 1 | | FT | | 1,2-DCA | 107-06-2 | 29 | 29 ug/Kg | Ū į | V |
| 42193 | 1 | | FT | | 1,2-DCA | 107-06-2 | 12 | 12 ug/Kg | U ! | V |
| 42293 | 4 | | FT | | 1,2-DCA | 107-06-2 | 6 | | | J |
| 42393 42493 | 1 5 | | FT FT | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | | | V |
| 42493 | 2 | | FT | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 6 | | | v v |
| 42593 | 5 | | FT | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 | | | v V |
| 42993 | 1 | | | | 1,2-DCA | 107-06-2 | 5 | | | <u> </u> |
| 42993 | 5 | 6 | FT | BH40145AE | 1,2-DCA | 107-06-2 | 6 | 6jug/Kg | U | v |
| 43193 | 2 | | FT | | 1,2-DCA | 107-06-2 | 11 | 11 ug/Kg | U | V |
| 43393 | 2 | | | | 1,2-DCA | 107-06-2 | 5 | | | V |
| 43393 | 5 | | | | 1,2-DCA | 107-06-2 | 6 | | | V |
| 43493 43493 | j 2 5 | | FT FT | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | | V |
| 43693 | 3 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | | | <u>V</u> |
| 43793 | 1 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 5 | 6 ug/Kg 5 ug/Kg | | <u>v</u> |
| 43793 | 5 | | | | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | | * |
| 43893 | 1 | 1 | FT | BH40071AE | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | | v v |
| 43993 | 5 | | | | 1,2-DCA | 107-06-2 | 5 | 5 ug/Kg | Ü (| V |
| 43993 | 1 | | | | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | U | V |
| 44093 44393 | 1 1 | | | | 1,2-DCA | 107-06-2 | 12 | | | <u>V</u> |
| 44393 44393 | 5 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 12 | | | V |
| 44893 | 2 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 28 6 | 28 ug/Kg | | V V |
| 45693 | 5 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | | | <u> </u> |
| 45693 | 1 | | | | 1,2-DCA | 107-06-2 | 7 | | | V |
| 45793 | 5 | 6 | FT | BH40560AE | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | | * - |
| 45893 | 2 | | | BH40378AE | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | Ü | V |
| 45893 | 5 | | | | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | U i | V |
| 46193 | 0 | | | | 1,2-DCA | 107-06-2 | 30 | 30 ug/Kg | | V |
| 46293 46593 | 2 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | | | <u>V</u> |
| 46693 | 1 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 5 | 5 ug/Kg 6 ug/Kg | | v V |
| 46793 | 1 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 | 6 ug/Kg | <u> </u> | <u>v</u> V : |
| 46893 | 1 | | | | 1,2-DCA | 107-06-2 | 5 | 5 ug/Kg | | v V |
| 46993 | 3 | | | | 1,2-DCA | 107-06-2 | 5 | 5 ug/Kg | ū | v |
| P208989 | 5 | | | | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | U j | V |
| P209189 | 0 | | | | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | U i | V |
| P209189 P209489 | 4 | | | | 1,2-DCA | 107-06-2 | 6 | | | V |
| P209489 P209489 | 4 0 | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5, | 5 ug/Kg | | V |
| P209889 | 0, | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | | <u>V</u> |
| P209889 | 4. | | | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 6 | 6 ug/Kg 6 ug/Kg | | <u>v</u> V |
| P210189 | 0 | | | | 1,2-DCA | 107-06-2 | 650 | 650 ug/Kg | | A A |
| P210189 | 5 | 7 | FT | SEP3089BR0406 | 1,2-DCA | 107-06-2 | 720 | 720 ug/Kg | | |
| P210289 | 0 | | FT | SEP3189BR0002 | 1,2-DCA | 107-06-2 | 6; | 6lug/Kg | | · |
| P210289 | 4 | | | | 1,2-DCA | 107-06-2 | 6 | 6jug/Kg | U i' | |
| SP0387 | 2 | | | | 1,2-DCA | 107-06-2 | | 25 ug/Kg | | |
| 41593 42193 | 4: | | | | 1,2-DCB | 95-50-1 | 440 | 440 ug/Kg | | |
| 42193 | 1) | | | | 1,2-DCB 1,2-DCB | 95-50-1 95-50-1 | 360) 390 | 360)ug/Kg | | |
| 42493 | 5 | | | | 1,2-DCB . | 95-50-1 | 350 | 390 ug/Kg 350 ug/Kg | U }. U } | |
| 42493 | 0, | | | | 1,2-DCB | 95-50-1 | 360 | 360/ug/Kg | Ŭ i | |
| 42593 | 0 | 5 | FT | BH40448AE | 1,2-DCB | 95-50-1 | 360 | 360 ug/Kg | | v |
| 43393 | 0 | 5 | FΤ | BH40512AE | 1,2-DCB | 95-50-1 | 360 | 360 ug/Kg | Ú | <u>.</u> |
| 43493 | 5 | 10 | | | 1,2-DCB | 95-50-1 | 370 | 370 ug/Kg | J i | Z |
| 43493 | 0, | | | | 1,2-DCB | 95-50-1 | 380 | 380 ug/Kg | J i | Z |
| 43693 46593 | 0. | | | | 1,2-DCB | 95-50-1 | 360 | 360 ug/Kg | | V |
| 46593 46593 | 7 | | | | 1,2-DCB | 95-50-1 | 330 | 360 ug/Kg | | |
| 46693 | 0 , | | | | 1,2-DCB 1,2-DCB | 95-50-1 95-50-1 | 330 330 | 390 ug/Kg 1 380 ug/Kg 1 | | |
| | | | | | 1,2-DCB | 95-50-1 | 330 | 380;ug/Kg 370:ug/Kg | | |
| 46793 | 0, | F.I | FI ' | | | | | | | V |

| LOCATION | Incorption | PTHI UNIT. | | ration Ponds AOC - Analytical Results for Subsurfa | | | | Tean Decree | LVALIDATION |
|----------------|------------|---------------|---------------|--|-----------------------|-------------|------------------------|-------------|---|
| CODE | | ND CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION | RESULT UNITS | LAB RESULT | |
| 46893 | 0 | 7:FT | | 1,2-DCB | 95-50-1 | 330 | | | V |
| 46993 | 10 | 5,FT 16 IN | | 1,2-DCB 1,2-DCB | 95-50-1 95-50-1 | 330 330 | 350 ug/Kg 380 ug/Kg | | V V |
| 47093 | 11 | 7 FT | BH40816AE | 1,2-DCB | 195-50-1 | 330 | 350 ug/Kg | IU | V |
| 48195 48195 | 0 | 6 FT 2 FT | | 1,2-DICHLOROBENZENE 1,2-DICHLOROBENZENE | 95-50-1 | 660 760 | 660 ug/Kg | | Z |
| 48195 | 2 | 4/FT | | 1,2-DICHLOROBENZENE | 95-50-1 | 790 | 760 ug/Kg 790 ug/Kg | | Z |
| 48295 | 1 <u>o</u> | 2 FT | | 1,2-DICHLOROBENZENE | 95-50-1 | 740 | 740 ug/Kg | U | Z |
| 48295 48295 | 2 | 4)FT 6)FT | | 1,2-DICHLOROBENZENE 1,2-DICHLOROBENZENE | 95-50-1 95-50-1 | 770) 790 | 770 ug/Kg 790 ug/Kg | | Z |
| 48395 | 2 | 4 FT | | 1,2-DICHLOROBENZENE | 95-50-1 | 660 | 660 ug/Kg | | Z |
| 48395 | 4 | 5 FT | | 1,2-DICHLOROBENZENE | 95-50-1 | 750 | 750 ug/Kg | | Z |
| 48395 48195 | 0 | 2:FT 2:FT | | 1,2-DICHLOROBENZENE 1,2-DICHLOROETHANE | 95-50-1 107-06-2 | 810 5 | 810 ug/Kg 5 ug/Kg | | Z |
| 48195 | 2 | 4 FT | | 1,2-DICHLOROETHANE | 107-06-2 | 5 | | | Z |
| 48195 48295 | 0 | 6!FT 2'FT | | 1,2-DICHLOROETHANE | 107-06-2 | 5 | | | Z |
| 48295 | 2 | 4FT | | 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE | 107-06-2 | , 5 , 5 | 5 ug/Kg 5 ug/Kg | | Z |
| 48295 | 4 | 6JFT | BH00106PE | 1,2-DICHLOROETHANE | 107-06-2 | 5 | 5 ug/Kg | U | Z |
| 48395 48395 | 0 4 | 2IFT 5 FT | | 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE | 107-06-2 | 5 5 | 5 ug/Kg 5 ug/Kg | | Z |
| 05093 | 11 | 2FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | | V |
| 05093 | 5 | 6 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5, | 5 ug/Kg | lU . | V |
| 05193 | 1 2 | 1/FT 2/FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 5 | 6 ug/Kg 5 ug/Kg | | V |
| 40093 | 1 | 2 FT | BH40168AE | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg | U | V |
| 40093 | 4 2 | 5 FT 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6, | 6 ug/Kg | | V |
| 40393 | 2 | 2 F1 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 | 6 ug/Kg 6 ug/Kg | | V |
| 40693 | 1 | 2 FT | BH40151AE | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg | U | V |
| 40793 | 5 | 6 FT 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6; 32; | 6 ug/Kg 32 ug/Kg | | V V |
| 40893 | 4 | 5)FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | | V |
| 40893 | 1 | 1FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 29 ug/Kg | U | ٧ |
| 40993 | 5 | 6 FT 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 5 | 5 ug/Kg 6 ug/Kg | | V |
| 41193 | 1 | 2 FT | · | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6iug/Kg | | V |
| 41293 | 5 | 2 FT 5 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 28 | 28 ug/Kg | | V |
| 41693 | 2 | 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 1540-59-0 540-59-0 | 5 5 | 5 ug/Kg 5 ug/Kg | | V |
| 41793 | . 2 | 3 FT | BH40244AE | 1,2-DICHLOROETHENE | :540-59-0 | 5 | 5 ug/Kg | U | V |
| 41793 | 5 2 | 6 FT 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 5 | 6 ug/Kg | | V |
| 41993 | 5 | 5 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg 5 ug/Kg | | <u>v</u> |
| 42093 | 1 | 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 29 | 29 ug/Kg | U | V |
| 42193 | 1 1 | 2 FT 4 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 12 6 | 12 ug/Kg 6 ug/Kg | | V J |
| 42393 | 1 | 1 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg | | V |
| 42493 42493 | 5 2 | 5 FT 3 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | | V |
| 42593 | 5 | 6 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 5 | 6 ug/Kg 5 ug/Kg | | <u>v</u> v |
| 42993 | 1, | 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | ĮU į | V |
| 42993 43193 | 5 2 | 6 FT 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6 11 | 6jug/Kg 11jug/Kg | | <u>v</u> |
| 43393 | 2 | 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | | V |
| 43393 43493 | 5 2 | 6 FT 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg | | V |
| 43493 | 5 | 6 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg 6 ug/Kg | | <u>v · </u> |
| 43693 | 3 | 3FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg | U | <u> </u> |
| 43793 43793 | 5 | 1!FT 6 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 5 6 | 5 ug/Kg | | V V |
| 43893 | 1 | 1 FT | BH40071AE | 1,2-DICHLOROETHENE | 540-59-0 | 6; | 6 ug/Kg 6 ug/Kg | | <u>v</u> |
| 43993 | 5 | 5 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5, | 5 ug/Kg | U | V |
| 43993 44093 | 1 1 | 1iFT 2:FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6 12 | 6 ug/Kg 12 ug/Kg | | v V |
| 44393 | 5 | 6 FT | BH40035AE | 1,2-DICHLOROETHENE | 540-59-0 | 12 | 12 ug/Kg | U | V |
| 44393 44893 | 1 2 | 1 FT 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 28 | 28 ug/Kg | U | V |
| 45693 | 5 | | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 ug/Kg 6 ug/Kg | | V V |
| 45693 | 1 | 1 FT | BH40375AE | 1,2-DICHLOROETHENE | 540-59-0 | 7 | 7 ug/Kg | U | V |
| 45793 45893 | 5 2 | 6¦FT 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 | 6 ug/Kg 6 ug/Kg | | V V |
| 45893 | 5 | 5;FT | BH40379AE | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6jug/Kg | U | v |
| 46193 46293 | 0 2 | 1 FT 3 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 30 | 30 ug/Kg | U | V |
| 46593 | 2 | 2 FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 5 | 6 ug/Kg 5 ug/Kg | | V |
| 46693 | 1 | tiFT | BH40716AE 11 | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 6 ug/Kg | U | V |
| 46793 46893 | 1 | 2 FT 2 FT | | I,2-DICHLOROETHENE I,2-DICHLOROETHENE | 540-59-0 540-59-0 | 5 5 | 6 ug/Kg 5 ug/Kg | | V V |
| 46993 | 3 | 3 FT | BH40758AE 1 | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5/ug/Kg 5/ug/Kg | | V |
| 48195 | 0 | | | 1,2-DICHLOROETHENE | 540-59-0 | 5 5 | 5 ug/Kg | Ü | Z |
| 48195 48195 | 4 | | | I,2-DICHLOROETHENE I,2-DICHLOROETHENE | 540-59-0 | 5 5 | 5 ug/Kg 5 ug/Kg | | Z Z |
| 48295 | 0 | 2 FT | BH00104PE 1 | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | U | Z |
| 48295 | 2 | 4 FT | BH00105PE 1 | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 5 ug/Kg | | Z |

| DOCATION | DEBTH DESTH | 14 1170 | ration Ponds AOC - Analytical Results for Subsurf | | | anics | LAB RESULT | IVALIDATION |
|----------------------|--------------------|--------------------|---|---------------------|--------------------|--|-------------|-------------|
| CODE | | JNIT SAMPLE NUMBER | Analyte | CAS NO | DETECTION LIMIT | RESULT UNITS | | |
| 48295 | 4 6 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | Annual Control of Cont | | Z |
| 48395 | 0 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | | | Z |
| 48395 P208989 | 4 5FT 5 7FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 5 | | | Z |
| P208989 | 0 1FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | IV IV |
| P209189 | 4 6FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | ĪV |
| P209489 | 4: 5 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | | | 1 V |
| P209489 | 0 1FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | IV |
| P209889 P209889 | 0 2!FT 4 6:FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6 6 | | | iv Iv |
| P210189 | 0 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 650 | | | A |
| P210189 | 5 7;FT | SEP3089BR0406 | 1,2-DICHLOROETHENE | 540-59-0 | 720 | | Ū | V |
| P210289 | 0 2 FT | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | IV. |
| P210289 05093 | 4! 5)FT 1 2)FT | | 1,2-DICHLOROETHENE 1,2-DICHLOROPROPANE | 540-59-0 78-87-5 | 6 5 | | | IV IV |
| 05093 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | iv |
| 05193 | 1) 1/FT | | 1.2-DICHLOROPROPANE | 78-87-5 | 6 | | | lv . |
| 05393 | 2 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | IV |
| 40093 | 1 2 FT 4 5 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 6 | | | V |
| 40093 | 2 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 40393 | 2: 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | v |
| 40693 | 1 2 FT | BH40151AE | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | 6 ug/Kg | U | V |
| 40793 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | IV |
| 40793 40893 | 1 2 FT 4 5 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 32 5 | | | V |
| 40893 | 1 1FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | IV |
| 40993 | 5 6 FT | BH40203AE | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | | V |
| 40993 | 1 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | 6 ug/Kg | U | V |
| 41193 41293 | 1 2FT 1 2FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 6 | | | IV |
| 41593 | 5 5 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 28 5 | | | IV IV |
| 41693 | 2 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | | v |
| 41793 | 2 3 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | U | ÍV |
| 41793 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 41993 41993 | 2 2 FT 5 5 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 5 5 | | ······ | IV IV |
| 42093 | 1 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 29 | | | iv |
| 42193 | 1 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 12 | | | v |
| 42293 | 4 4 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | 6 ug/Kg | U | J |
| 42393 42493 | 1 1 1 FT 5 5 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 42493 | 2 3 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 5 6 | | | V V |
| 42593 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5, | | | iv |
| 42993 | 1 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | | įv |
| 42993 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 43193 43393 | 2 2 FT 2 2 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 11 | | | V V |
| 43393 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5, 6 | | | V |
| 43493 | 2 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | v i |
| 43493 | 5 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6: | 6 ug/Kg | U | V |
| 43693 | 3 3 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 43793 43793 | 1 1 FT 5 6 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 5 6 | | | V V |
| 43893 | 1 1FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 43993 | 5 5 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | V |
| 43993 | 1 1FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6, | 6 ug/Kg | Ü | V · |
| 44093 | 1 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 12 | | | V I |
| 44393 44393 | 5 6 FT 1 1 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 12 28 | | | V V |
| 44893 | 2 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| 45693 | 5 6 FT | BH40376AE | 1,2-DICHLOROPROPANE | 78-87-5 | 6 ; | 6 ug/Kg | Ú , | V |
| 45693 | 1 1/FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 7, | | | V |
| 45793 45893 | 5 6/FT 2 2/FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 6 6 | | | V V |
| 45893 | 5 5 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | ا | V |
| 46193 | 0 1 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 30. | | | V |
| 46293 | 2 3 FT | BH40566AE | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | 6 ug/Kg | Ú | V |
| 46593 | 2 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | V |
| 46693 46793 | 1 1 FT 1 2 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 5; 5 | | | V |
| 46893 | 1 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | | V |
| 46993 | 3 3 FT | BH40758AE | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | U į | V |
| 48195 | 0 2/FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg l | U { | 2 |
| 48195 48195 | 2 4 FT 4 6 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | 2 |
| 48195 48295 | 0 2iFT | | 1.2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 5 5 | | | Z |
| 48295 | 2 4 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg | | Z |
| 48295 | 4 6 FT | BH00106PE | 1,2-DICHLOROPROPANE | 78-87-5 | 5, | 5 ug/Kg | ו נ | Z |
| 48395 | 0 2 FT | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | 5 ug/Kg (| ! ا | Z |
| 48395 P208989 | 4 5 FT 5 7 FT | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | Z |
| | 0, 1 FT | | 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 6) 6 | | | V |
| F209189 | | | | | | | | |
| P209189 P209189 | 4 6 FT | SEP1989BR0406 | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V i |

| LOCATION | Incoru | DEGTIAL | | ration Ponds AOC - Analytical Results for Subsurfac | e Solls Less Th | an 6 Feet - Org | | PAR DECIMA | VALIDATION |
|--------------------|--|-------------------|--------------------|---|-----------------------|-----------------|-------------------------|------------|------------|
| CODE | START | | UNIT SAMPLE NUMBER | Analyte | CAS NO | | RESULT UNITS | | |
| P209489 | , 0 | | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | V |
| P209889 P209889 | 1 0 | | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 178-87-5 - 78-87-5 | 6 | | | IV IV |
| P210189 | | | | 1,2-DICHLOROPROPANE | 78-87-5 | 650 | | | A |
| P210189 | 5 | | | 1,2-DICHLOROPROPANE | 78-87-5 | 720 | | | V |
| P210289 P210289 | 4 | | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 6 6 | | | IV IV |
| SP0387 | 2 | | | 1,2-DICHLOROPROPANE | 78-87-5 | | 25 ug/Kg | | · |
| 41593 | 4 | 6 FT | | 1,3-DICHLOROBENZENE | 541-73-1 | 440 | 440 ug/Kg | Ū | ٧ . |
| 42193 42293 | 1 1 | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 360 390 | | | J |
| 42493 | 5 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 350 | | | IV |
| 42493 | 0 | 5 FT | BH40440AE | 1,3-DICHLOROBENZENE | 541-73-1 | 360 | 360 ug/Kg | U | V |
| 42593 | 0 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 360 360 | | | IV IV |
| 43393 43493 | 5 | | | 1,3-DICHLOROBENZENE 1.3-DICHLOROBENZENE | 541-73-1 | 370 | | | Z |
| 43493 | 0 | 5 FT | !BH40319AE | 1,3-DICHLOROBENZENE | 541-73-1 | 380 | 380 ug/Kg | U | Z |
| 43693 | 0 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 360 | | | V |
| 46593 46593 | 1 7 | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 | 330 330 | | | V |
| 46693 | 0 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 330 | | | v |
| 46793 | 0 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 330 | | U | V |
| 46893 46993 | 1 | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 330 330 | | | IV IV |
| 46993 | 10 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 330 | | | IV IV |
| 47093 | 1 | 7 ₁ FT | BH40816AE | 1,3-DICHLOROBENZENE | 541-73-1 | 330 | 350 ug/Kg | U | V |
| 48195 | 4 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 660 | | | Z |
| 48195 48195 | 0 | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 760 790 | | | Z |
| 48295 | 1 0 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 740 | | Ū | Z |
| 48295 | 2 | 4 FT | | 1,3-DICHLOROBENZENE | 541-73-1 | 770 | 770 ug/Kg | U | Z |
| 48295 48395 | 4 2 | | | 1,3-DICHLOROBENZENE 1,3-DICHLOROBENZENE | 541-73-1 541-73-1 | 790 660 | | | Z |
| 48395 | 4 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 750 | | | Z |
| 48395 | 1 0 | | | 1,3-DICHLOROBENZENE | 541-73-1 | 810 | | | Z |
| 41593 | 4 | | | 1,4-DCB | 106-46-7 | 440 | | | IV |
| 42193 42293 | 0 | | | 1,4-DCB 1,4-DCB | 106-46-7 | 360 | | | IV J |
| 42493 | 5 | | | 1,4-DCB | 106-46-7 | 350 | | | iV |
| 42493 | O | 5 FT | BH40440AE | 1,4-DCB | 106-46-7 | 360 | 360 ug/Kg | Ū | V |
| 42593 | 0 | | | 1,4-DCB | 106-46-7 | 360 | | | ĮV |
| 43393 43493 | 5 | | | 1,4-DCB 1,4-DCB | 106-46-7 | 360 370 | | | IV Z |
| 43493 | 0 | | | 1,4-DCB | 106-46-7 | 380 | 380 ug/Kg | U | 1Z |
| 43693 | 0 | | | 1,4-DCB | 106-46-7 | 360 | | | IV |
| 46593 46593 | 1 7 | | | 1,4-DCB 1,4-DCB | 106-46-7 | 330 330 | | | IV IJ |
| 46693 | , | | | 1,4-DCB | 106-46-7 | 330 | | | v |
| 46793 | 0 | | | 1,4-DCB | 106-46-7 | 330 | 370 ug/Kg | U | V |
| 46893 46993 | 1 1 | | | 1,4-DCB 1,4-DCB | 106-46-7 | 330 330 | | | IV V |
| 46993 | 10 | | | 1,4-DCB | 106-46-7 | 330 | | | V |
| 47093 . | 1 | 7 FT | BH40816AE | 1,4-DCB | 106-46-7 | 330 | 350 ug/Kg | U | V |
| 48195 | 4 | | | 1,4-DICHLOROBENZENE | 106-46-7 | 660 | | | Z |
| 48195 48195 | 0 | | | 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE | 106-46-7 | 760 790 | | | Z |
| 48295 | 0 | | | 1,4-DICHLOROBENZENE | 106-46-7 | 740 | | Ü | Z |
| 48295 | 2 | 4¦FT | [BH00105PE | 1,4-DICHLOROBENZENE | 106-46-7 | 770 | 770:ug/Kg | U | Z |
| 48295 48395 | 2 | | | 1,4-DICHLOROBENZENE 1,4-DICHLOROBENZENE | 106-46-7 | 790 660 | | U | Z |
| 48395 | 4 | | | 1,4-DICHLOROBENZENE | 106-46-7 | 750 | 750 ug/Kg | U | Z |
| 48395 | 0 | 2 FT | BH00107PE | 1,4-DICHLOROBENZENE | 106-46-7 | 810 | 810 ug/Kg | U | Z |
| 48395 | 2 | | | 1-IODOOCTANE 1-OCTANOL | 629-27-6 | | 2000 ug/Kg | | Z |
| 48295 48395 | 4 | | | 1-OCTANOL 2,3-DIMETHYL-1-BUTENE | 111-87-5 563-78-0 | <u> </u> | 600 ug/Kg 1000 ug/Kg | JN | Z I Z |
| 48395 | 4 | 5 FT | BH00109PE | 2,3-DIMETHYLHEXANE (TIC) | 584-94-1 | | 900.ug/Kg [| JN | Z |
| 41593 | 4 | | | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 2200 | | U | V |
| 42193 42293 | 0 | | | 2,4,5-TRICHLOROPHENOL 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1800 1900 | | | J |
| 42293 | 0 | | | 2,4,5-TRICHLOROPHENOL | 195-95-4 | 1800 | | | iV |
| 42493 | 5 | 7,IN | \$\$40083AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1800 | 1800 ug/Kg | U | V |
| 42593 | 0 | 5 FT | | 2.4.5-TRICHLOROPHENOL | 95-95-4 | 1800 | | | IV. |
| 43393 43493 | , 0 | | | 2,4,5-TRICHLOROPHENOL 2,4,5-TRICHLOROPHENOL | 95-95-4 95-95-4 | 1800 1800 | | <u>u</u> | Z |
| 43493 | , o | 5 FT | (BH40319AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1900 | 1900 ug/Kg | U | Z |
| 43693 | 0 | 5FT | | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1800 | 1800 ug/Kg | Ū | V |
| 46593 46593 | 1 7 | | | 2,4,5-TRICHLOROPHENOL 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 1600 | | U | l) |
| 46693 | 6 | | | 2,4,5-TRICHLOROPHENOL 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | | | V |
| 46793 | 0 | 6 FT | BH40798AE | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | 1800/ug/Kg | U | V |
| 46893 | 0 | | | 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | | | V |
| 46993 | 1 | | | 2,4,5-TRICHLOROPHENOL 2,4,5-TRICHLOROPHENOL | 95-95-4 95-95-4 | 1600 1600 | | | V V |
| | 1 7/1 | | | | | 1000 | | _ | , - |
| 46993 47093 | 10 | | | 2,4,5-TRICHLOROPHENOL | 195-95-4 | 1600 | | U | V |

| | | | | Table A.7 Solar Evapo | ation Pond | Is AOC - A | nalytical Results for | Subsurface S | Soils Less Th | an 6 Feet - O | rganics | | | |
|----------------|-------|---------------------------------|----------------|--|------------|----------------------|-----------------------|--------------|----------------------|---------------|---------|--------------------|------------|-----------|
| LOCATION | | | UNIT | | | ** | 2 | | | DETECTIO | N V | | LAB RESULT | |
| CODE | START | END 2 F | CODE | SAMPLE NUMBER | | CHLOROF | | | CAS NO. 95-95-4 | LIMIT 190 | | JUNITS Dug/Kg | QUALIFIER | QUALIFIER |
| 48195 | 0 2 | | | | | CHLOROF | | | 95-95-4 | 200 | | 0 ug/Kg | | Z |
| 48295 | 0 | | | | | CHLOROF | | | 95-95-4 | 180 | | ug/Kg | | Z |
| 48295 | 2 | | | ************************************** | | CHLOROF | | | 95-95-4 | 190 | | Dug/Kg | | Z |
| 48295 48395 | 4 2 | 6 F | | | | CHLOROF | | | 95-95-4 95-95-4 | 170 | | Diug/Kg Diug/Kg | | Z |
| 48395 | 4 | | | | | CHLOROF | | | 95-95-4 | 190 | | Diug/Kg | | Z |
| 48395 |) o | 2 F | -1 | BH00107PE - | 2,4,5-TRI | CHLOROF | HENOL | | 95-95-4 | 200 | 200 | 0 ug/Kg | U | Z |
| 41593 | 4 | | | | | CHLOROF | | | 88-06-2 | 44 | | ug/Kg | | V |
| 42193 | 0 | | | | | CHLOROF | | | 88-06-2 88-06-2 | 36 | | 0,ug/Kg 0,ug/Kg | | l) |
| 42493 | 5 | 7;1 | | | | CHLOROF | | | 88-06-2 | 35 | | Jug/Kg | | įv |
| 42493 | 0 | 5 F | | | | CHLOROF | | | 88-06-2 | 36 | | lug/Kg | | V |
| 42593 43393 | 0 | | | | | CHLOROF | | | 88-06-2 88-06-2 | 36 | | olug/Kg olug/Kg | | V V |
| 43493 | 5 | 10 F | | | | CHLOROF | | | 88-06-2 | 37 | | ug/Kg | | Z |
| 43493 | Ö | 5) F | | | | CHLOROF | | 18 | 88-06-2 | 38 | 380 | Jug/Kg | Ü | Z |
| 43693 | 0 | | | | | CHLOROF | | | 88-06-2 | 36 | | Olug/Kg | | V |
| 46593 46593 | 1 7 | | | | | CHLOROF | | | 88-06-2 88-06-2 | 33 33 | | ug/Kg ug/Kg | | J J |
| 46693 | . 0 | 7 F | | | | CHLOROF | | | 88-06-2 | 33 | | Jug/Kg | | v |
| 46793 | ; O. | 6: F | | BH40798AE | 2,4,6-TRI | CHLOROF | HENOL | | 88-06-2 | 33 | 370 | Jug/Kg | U | ٧ |
| 46893 | . 0 | | | | | CHLOROF | | | 88-06-2 | 33 | | ug/Kg | | V |
| 46993 | 10 | 5 F | | | | CHLOROF | | | 88-06-2 88-06-2 | 33 | | ug/Kg ug/Kg | | V |
| 47093 | 1 | | | | | CHLOROF | | | 88-06-2 | 33 | | ug/Kg | U | V |
| 48195 | 4' | 6 F | -T | BH00103PE | 2,4,6-TRI | CHLOROF | HENOL | [8 | 88-06-2 | 66 | 660 | Jug/Kg | U | Z |
| 48195 | 0 | | | | | CHLOROF | | | 88-06-2 | 76 79 | | Jug/Kg | | Z |
| 48195 48295 | 0 | | | | | CHLOROF | | | 88-06-2 88-06-2 | 74 | | oug/Kg oug/Kg | | Z |
| 48295 | 2 | | | | | HLOROF | | | 88-06-2 | 77 | | ug/Kg | | Z |
| 48295 | 4 | | | | | CHLOROF | | | 88-06-2 | 79 | | ug/Kg | | Z |
| 48395 48395 | 2 | | ~~~~~~~ | | | CHLOROF | | | 88-06-2 88-06-2 | ; 66 75 | | Diug/Kg Diug/Kg | | Z Z |
| 48395 | 1 0 | 2 F | | | | CHLOROF | | | 88-06-2 | 81 | | Jug/Kg | | Ž |
| 41593 | 4 | | | | | OROPHE | | | 120-83-2 | 44 | 0 440 | ug/Kg | U | V |
| 42193 | 0 | | | | | OROPHE | | | 120-83-2 | 36 | | ug/Kg | | V |
| 42293 42493 | 1 5 | 6 F | | | | OROPHE OROPHE | | | 120-83-2 120-83-2 | 39 | | 0iug/Kg 0iug/Kg | | I) |
| 42493 | 1 0 | | | | | OROPHE | | | 120-83-2 | 36 | | ug/Kg | | V |
| 42593 | 0, | 5 F | | | | OROPHE | | | 120-83-2 | 3€ | | ug/Kg | | V |
| 43393 43493 | 0 | 5 F | | | | OROPHE OROPHE | | | 120-83-2 120-83-2 | 36 | | ug/Kg | | V |
| 43493 | 5 | 5 F | | | | OROPHE | | | 120-83-2 | 36 | | ug/Kg ug/Kg | | Z Z |
| 43693 | 0, | construction of the same of the | | | | OROPHE | | | 120-83-2 | 36 | | ug/Kg | | v |
| 46593 | 1 1 | | | ···· | | OROPHE | | | 120-83-2 | 33 | | ug/Kg | | V |
| 46593 46693 | 7 | 8 7 F | | | | OROPHE OROPHE | | | 120-83-2 120-83-2 | 33 33 | | ug/Kg ug/Kg | | N N |
| 46793 | 0. | 6 F | | | | OROPHE | | | 120-83-2 | 33 | | Jug/Kg | | V |
| 46893 | 0 | 7 F | | | | OROPHE | | i. | 120-83-2 | 33 | | ug/Kg | | ٧ |
| 46993 46993 | 10 | 5 F | | | | OROPHE OROPHE | | | 120-83-2 | 33 | | Diug/Kg | | iV V |
| 47093 | 10 | 7/ F | | | | OROPHE | | | 120-83-2 120-83-2 | 33 | | olug/Kg olug/Kg | | V |
| 48195 | 4 | | | | | OROPHE | | | 120-83-2 | 66 | | ug/Kg | | Z |
| 48195 | 0 | 2 | | | | OROPHE | | | 120-83-2 | 76 | | ug/Kg | | Z |
| 48195 48295 | 0 | 4 F 2 F | | | | OROPHE OROPHE | | | 120-83-2 120-83-2 | 79 74 | | ug/Kg ug/Kg | | Z Z |
| 48295 | 2 | 4 F | | | | OROPHE | | | 120-83-2 | 77 | | ug/Kg | | Z |
| 48295: | 4 | 6 F | - T | BH00106PE | | OROPHE | | | 120-83-2 | 79 | 0, 790 | ug/Kg | U | Z |
| 48395 48395 | 2 | 4 F 5 F | | | | OROPHE OROPHE | | | 120-83-2 120-83-2 | 66 75 | | lug/Kg lug/Kg | | Z |
| 48395 | 0 | 2 F | | | | OROPHE | | | 120-83-2 | 81 | | ug/kg | | Z |
| 41593 | 4 | 6 F | -7 | BH40419AE | 2,4-DIME | THYLPHE | VOL | 11 | 105-67-9 | 44 | 0 440 | ug/Kg | U | V |
| 42193 | 0 | 5 F | | | | THYLPHE | | | 105-67-9 | 36 | | ug/Kg | | V |
| 42293 42493 | 1 5 | | | | | THYLPHEI THYLPHEI | | | 105-67-9 105-67-9 | 39 35 | | ug/Kg ug/Kg | | J V |
| 42493 | 0 | 5 F | | | | THYLPHE | | | 105-67-9 | 36 | | ug/Kg | | V - |
| 42593 | 0, | 5 F | | | | THYLPHE | | | 105-67-9 | 36 | | ug/Kg | | V |
| 43393 43493 | 0 | 5∤F | | | | THYLPHE | | | 105-67-9 | 36 37 | | ug/Kg ug/Kg | | V |
| 43493 | 5 | 10 F | | | | THYLPHE! | | | 105-67-9 105-67-9 | 38 | | ug/Kg | Ü | Z Z |
| 43693 | ; O, | 5 F | T | BH40520AE | 2,4-DIME | THYLPHE | NOL | | 105-67-9 | 36 | 0, 360 | ug/Kg | U | V |
| 46593 | 1 | 7 F | | | | THYLPHEI | | | 105-67-9 | 33 | | ug/Kg | | V |
| 46593 46693 | 7 0 | 8 7 F | | | | THYLPHEI | | | 105-67-9 105-67-9 | 33 33 | | ug/Kg | | V |
| 46793 | 0, | 6 F | | | | THYLPHE | | į 1 | 105-67-9 | 33 | | ug/Kg | | V |
| 46893 | 0; | 7/F | ·T | BH40804AE | 2,4-DIME | THYLPHE | NOL | 1 | 105-67-9 | 33 | 0 370 | ug/Kg | U | V |
| 46993 46993 | 10 | 5;F | | | | THYLPHE | | | 105-67-9 | 33 33 | | ug/Kg ug/Kg | | V V |
| 47093 | 10 | 7 F | | | | HYLPHE | | | 105-67-9 105-67-9 | 33 | | ug/Kg | | V |
| 48195 | 4, | 6 F | Ť | BH00103PE | 2,4-DIME | THYLPHE | NOL | 11 | 105-67-9 | 66 | 0; 660 | ug/Kg | Ū | Z |
| 48195 | 0 | 2 F | | | | THYLPHE! | | | 105-67-9 | 76 | | ug/Kg | | Z |
| 48195 48295 | 2 | 4 F | | | | THYLPHE! | | | 105-67-9 105-67-9 | 79 74 | | ug/Kg ug/Kg | | Z Z |
| 48295 | 2 | 4]F | | | | HYLPHE | | | 105-67-9 | 77 | | ug/Kg | | Z |
| | | | | | | | | | | | | | | |

| L OOM TON | [DEATH | neorial in | | ration Ponds AOC - Analytical Results for Subsurfac | e Soils Less Th | | | | · · · · · · · · · · · · · · · · · · · |
|----------------|--------|---------------------------------|--------------------------|---|----------------------|--------------|--------------------------|------------|---------------------------------------|
| LOCATION | START | | NIT DDE SAMPLE NÛMBER | Analyte | CAS NO | DETECTION | RESULT UNITS | LAB RESULT | QUALIFIER |
| 48295 | 4 | AND THE PERSON OF THE PERSON OF | | 2,4-DIMETHYLPHENOL | 105-67-9 | 790 | 790 ug/Kg | | Z |
| 48395 | 2 | | | 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | 660 ug/Kg | U | Z |
| 48395 | 4 | | | 2,4-DIMETHYLPHENOL | 105-67-9 | 750 | 750 ug/Kg | Ü | I Z |
| 48395 41593 | 0 | 2 FT 6 FT | | 2,4-DIMETHYLPHENOL 2,4-DINITROPHENOL | 105-67-9 51-28-5 | 810 2200 | 810/ug/Kg 2200/ug/Kg | | V Z |
| 42193 | 0 | 5'FT | | 2,4-DINITROPHENOL | 51-28-5 | 1800 | 1800 ug/Kg | Ü | V |
| 42293 | 1 | | | 2,4-DINITROPHENOL | 51-28-5 | 1900 | 1900 ug/Kg | Ū | J |
| 42493 | 0 | 5/FT | BH40440AE | 2,4-DINITROPHENOL | 51-28-5 | 1800 | 1800;ug/Kg | U | !V |
| 42493 42593 | 5 | 7(IN 5:FT | | 2,4-DINITROPHENOL 2.4-DINITROPHENOL | 51-28-5 51-28-5 | 1800 | 1800 ug/Kg | | IV |
| 43393 | 0 | 5'FT | | 2,4-DINITROPHENOL | 51-28-5 | 1800 | 1800 ug/Kg 1800 ug/Kg | | V |
| 43493 | 5 | 10,FT | | 2,4-DINITROPHENOL | 51-28-5 | 1800 | 1800 ug/Kg | | iZ |
| 43493 | 0 | 5FT | BH40319AE | 2,4-DINITROPHENOL | 51-28-5 | 1900 | 1900 ug/Kg | U | Z |
| 43693 46593 | 0 | 5'FT 7'FT | | 2.4-DINITROPHENOL | 51-28-5 | 1800 | 1800/ug/Kg | <u>U</u> | V |
| 46593 | 1 7 | 8 IN | | 2,4-DINITROPHENOL 2,4-DINITROPHENOL | 51-28-5 51-28-5 | 1600 1600 | 1700 ug/Kg 1900 ug/Kg | | J |
| 46693 | 0 | 7/FT | | 2,4-DINITROPHENOL | 51-28-5 | 1600 | 1800/ug/Kg | | (V |
| 46793 | 0 | 6FT | | 2,4-DINITROPHENOL | 51-28-5 | 1600 | 1800iug/Kg | U | V |
| 46893 | 0 | 7 FT | | 2,4-DINITROPHENOL | 51-28-5 | 1600 | 1800 ug/Kg | | V |
| 46993 46993 | 10 | 5 FT 16 IN | | 2,4-DINITROPHENOL | 51-28-5 | 1600 | 1700 ug/Kg | | V |
| 47093 | 10 | 7/FT | | 2,4-DINITROPHENOL 2,4-DINITROPHENOL | 51-28-5 51-28-5 | 1600 1600 | 1900 ug/Kg 1700 ug/Kg | | V V |
| 48195 | 4 | 6 FT | | 2,4-DINITROPHENOL | 51-28-5 | 1700 | 1700 ug/Kg | <u>u</u> | Z |
| 48195 | 0 | 2 FT | (BH00101PE | 2;4-DINITROPHENOL | 51-28-5 | 1900 | 1900 ug/Kg | U | Z |
| 48195 | 2 | 4 FT | | 2.4-DINITROPHENOL | 51-28-5 | 2000 | 2000 jug/Kg | Ü | Z |
| 48295 48295 | 0 | 2 FT 4 FT | | 2,4-DINITROPHENOL | 51-28-5 | 1800 | 1800 ug/Kg | | Z |
| 48295 | 4 | 4!F1 6 FT | | 2,4-DINITROPHENOL 2,4-DINITROPHENOL | 51-28-5 51-28-5 | 1900 | 1900 ug/Kg 2000 ug/Kg | | Z |
| 48395 | 2 | 4 FT | | 2,4-DINITROPHENOL | 51-28-5 | 1700 | 1700 ug/Kg | | Z |
| 48395 | 4 | 5 FT | BH00109PE | 2,4-DINITROPHENOL | 51-28-5 | 1900 | 1900 ug/Kg | | Z |
| 48395 | 0 | 2 FT | | 2,4-DINITROPHENOL | 51-28-5 | 2000 | 2000 ug/Kg | | Z |
| 48195 48195 | 4 0 | 6 FT 2 FT | | 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE | 121-14-2 | 660 | 660 ug/Kg | | Z |
| 48195 | 2 | 4 FT | | 2,4-DINITROTOLUENE | 121-14-2 | 760 790 | 760 jug/Kg 790 jug/Kg | | l Z l Z |
| 48295 | 0 | 2 FT | | 2,4-DINITROTOLUENE | 121-14-2 | 740 | 740 ug/Kg | | Z |
| 48295 | 2 | 4 FT | | 2,4-DINITROTOLUENE | 121-14-2 | 770 | 770 ug/Kg | | Z |
| 48295 | 4 | 6 FT | | 2,4-DINITROTOLUENE | 121-14-2 | 790 | 790 ug/Kg | | Z |
| 48395 48395 | 2 | 4 FT 5 FT | | 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE | 121-14-2 | 660 | 43 ug/Kg | | Z |
| 48395 | 0 | 2 FT | | 2,4-DINITROTOLUENE 2,4-DINITROTOLUENE | 121-14-2 | 750 810 | 750 ug/Kg 810 ug/Kg | | Z Z |
| 41593 | 4 | 6 FT | | 2,4-DNT | 121-14-2 | 440 | 440 ug/Kg | | v |
| 42193 | 0 | 5 FT | | 2,4-DNT | 121-14-2 | 360 | 360 ug/Kg | Ū | iv |
| 42293 | 1 | 6 FT | | 2,4-DNT | 121-14-2 | 390 | 390 ug/Kg | | J |
| 42493 42493 | 5 | 7 IN 5 FT | | 2,4-DNT 2,4-DNT | 121-14-2 | 350 360 | 350 ug/Kg 360 ug/Kg | | V |
| 42593 | 0 | 5 FT | | 2,4-DNT | 121-14-2 | 360 | 360/ug/Kg | | V |
| 43393 | 0, | 5,FT | | 2,4-DNT | 121-14-2 | 360 | 360 ug/Kg | | v |
| 43493 | 5 | 10 FT | | 2,4-DNT | 121-14-2 | 370 | 370 ug/Kg | U | Z |
| 43493 43693 | 0 | 5 FT | | 2,4-DNT | 121-14-2 | 380 | 380 ug/Kg | | Z |
| 46593 | 0 | 5 FT 7 FT | | 2,4-DNT 2,4-DNT | 121-14-2 | 360 330 | 360/ug/Kg 360/ug/Kg | | V |
| 46593 | 7 | 8 IN | | 2,4-DNT | 121-14-2 | 330 | 390 ug/Kg | | J |
| 46693 | 0 | 7 FT | | 2,4-DNT | 121-14-2 | 330 | 380 ug/Kg | | V |
| 46793 | 0 | 6 FT | | 2,4-DNT | 121-14-2 | 330 | 370 ug/Kg | | V |
| 46893 46993 | 0 | 7 FT 5 FT | | 2,4-DNT | 121-14-2 | 330 | 370 ug/Kg | | V |
| 46993 | 10 | 16 IN | | 2,4-DNT 2,4-DNT | 121-14-2 | 330 330 | 350 ug/Kg 380 ug/Kg | | v v |
| 47093 | 1 | 7/FT | | 2,4-DNT | 121-14-2 | 330, | 350 ug/Kg | | v ——— |
| 48195 | 4 | 6 FT | BH00103PE | 2,6-DINITROTOLUENE | 606-20-2 | 660 | 660 ug/Kg | U i | Z |
| 48195 | 0 | 2 FT | | 2,6-DINITROTOLUENE | 606-20-2 | 760 | 760 ug/Kg | | Z |
| 48195 48295 | 2 0 | 4 FT 2 FT | | 2,6-DINITROTOLUENE 2,6-DINITROTOLUENE | 606-20-2 | 790 | 790 ug/Kg 740 ug/Kg | | Z |
| 48295 | 2 | 4 FT | | 2,6-DINITROTOLUENE | 606-20-2 606-20-2 | 740 770 | 740 ug/Kg 770 ug/Kg | | Z |
| 48295 | 4 | 6;FT | | 2,6-DINITROTOLUENE | 606-20-2 | 790 | 790 ug/Kg | | Ž |
| 48395 | 2 | 4 FT | BH00108PE | 2,6-DINITROTOLUENE | 606-20-2 | 660 | 660 ug/Kg | U | Z |
| 48395 | 4 | 5 FT | | 2,6-DINITROTOLUENE | 606-20-2 | 750 | 750 ug/Kg | Ų į | Z |
| 48395 41593 | 0 | 2 FT 6 FT | | 2,6-DINITROTOLUENE 2,6-DNT | 606-20-2 606-20-2 | 810 | 810 ug/Kg 440 ug/Kg | <u>'</u> | z V |
| 42193 | 0 | 5,FT | | 2,6-DNT | 606-20-2 | 360; | 360 ug/Kg | <u> </u> | v V |
| 42293 | 1 | 6 FT | | 2,6-DNT | 606-20-2 | 390 | 390 ug/Kg | | j |
| 42493 | 5 | 7 IN | SS40083AE | 2,6-DNT | 606-20-2 | 350 | 350 ug/Kg | U į | V - |
| 42493 | 0 | 5 FT | | 2,6-DNT | 606-20-2 | 360 | 360 _i ug/Kg | | V |
| 42593 43393 | O) | 5FT 5FT | | 2,6-DNT 2,6-DNT | 606-20-2 606-20-2 | 360; 360; | 360 ug/Kg 360 ug/Kg | | <u>v</u> |
| 43493 | 5 | 10 FT | | 2,6-DNT | 606-20-2 | 370 | 370 ug/Kg | | z Z |
| 43493 | O, | 5 FT | | 2,6-DNT | 606-20-2 | 380 | 380/ug/Kg | | <u>z</u> |
| 43693 | O. | 5FT | BH40520AE | 2,6-DNT | 606-20-2 | 360 | 360 ug/Kg | U j | V |
| 46593 | 1 | 7 FT | | 2,6-DNT | 606-20-2 | 330 | 360 ug/Kg | | V . |
| 46593 46693 | 7 | 8 IN 7 FT | | 2,6-DNT 2,6-DNT | 606-20-2 | 330 330 | 390 ug/Kg 380 ug/Kg | <u>u</u> | J V |
| 46793 | . 0 | 6 FT | | 2,6-DNT | 606-20-2 | 330 | 370,ug/Kg | | <u>v</u> |
| 46893 | 0 | 7 FT | | 2,6-DNT | 606-20-2 | 330 | 370 ug/Kg | | v |
| 46993 | 1 | 5 FT | | 2,6-DNT | 606-20-2 | 330 | 350 ug/Kg | Ŭ į | V |
| 46993 | 10 | 16 IN | | 2.6-DNT | 606-20-2 | 330 | 380 ug/Kg | | V |
| 17093 | 1 | 7 FT | BH40816AE | 2,6-DNT | 606-20-2 | 330 | 350 ug/Kg i | U j | V |

| CODE START END CODE SAMPLE NUMBER APPROX ACAS NO UM ACOS NO U | 10 10 12 10 10 10 10 10 10 10 | ESULT UNITS 11 ug/Kg 58 ug/Kg 11 ug/Kg 11 ug/Kg 13 ug/Kg 13 ug/Kg 11 ug/Kg | in in | VALIDATION QUALIFIER V |
|--|--|--|----------|------------------------------|
| 40983 | 10 10 12 10 10 10 10 10 10 10 | 11 ug/Kg 58 ug/Kg 11 ug/Kg 11 ug/Kg 13 ug/Kg 13 ug/Kg 11 ug/Kg | in in | V |
| 1 | 12 10 10 10 10 10 10 10 | 58 ug/Kg 11'ug/Kg 11!ug/Kg 13'ug/Kg 13'ug/Kg 11 ug/Kg | 1 .0 | V |
| 46593 2 2 FT BH40701AE 2-BUTANONE 78-93-3 146993 1 1 FT BH40730AE 2-BUTANONE 78-93-3 146993 1 2 FT BH40730AE 2-BUTANONE 78-93-3 146993 1 2 FT BH40730AE 2-BUTANONE 78-93-3 146993 3 3 FT BH40758AE 2-BUTANONE 78-93-3 146993 3 3 FT BH40758AE 2-BUTANONE 78-93-3 146993 3 3 FT BH40758AE 2-BUTANONE 78-93-3 146993 3 3 FT BH40758AE 2-BUTANONE 78-93-3 146995 3 146995 3 1470 | 10 10 10 10 10 10 10 | 11(ug/Kg 13/ug/Kg 13/ug/Kg 11(ug/Kg | | |
| 1 | 10 10 10 10 10 10 | 13 ug/Kg 13 ug/Kg 11 ug/Kg | | A |
| 146933 | 10 10 10 10 10 | 13 ug/Kg 11 ug/Kg | | V IV |
| 146933 1 | 10 10 10 10 | 11 ug/Kg | | V |
| 48195 0 2 FT BH00102PE 2.8UTANONE 78-93-3 48195 2 4 FT BH00102PE 2.8UTANONE 78-93-3 48195 4 6 FT BH00103PE 2.8UTANONE 78-93-3 48295 0 2 FT BH00103PE 2.8UTANONE 78-93-3 48295 2 4 FT BH00105PE 2.8UTANONE 78-93-3 48295 2 4 FT BH00105PE 2.8UTANONE 78-93-3 48295 4 6 FT BH00105PE 2.8UTANONE 78-93-3 48295 4 6 FT BH00105PE 2.8UTANONE 78-93-3 48395 0 2 FT BH00107PE 2.8UTANONE 78-93-3 48395 0 2 FT BH00107PE 2.8UTANONE 78-93-3 48395 0 5 FT BH00107PE 2.8UTANONE 78-93-3 | 10 10 | 441 | U | V |
| 1895 2 | 10 | 11(ug/Kg | | V |
| 48195 4 6 FT 8H00103PE 2-BUTANONE 776-93-3 48295 0 2 FT 8H00105PE 2-BUTANONE 776-93-3 48295 2 4 FT 8H00105PE 2-BUTANONE 776-93-3 48295 2 4 FT 8H00105PE 2-BUTANONE 776-93-3 48395 0 2 FT 8H00105PE 2-BUTANONE 776-93-3 48395 0 2 FT 8H00105PE 2-BUTANONE 776-93-3 48395 0 2 FT 8H00105PE 2-BUTANONE 776-93-3 P209899 5 7 FT SEP19898R0006 2-BUTANONE 776-93-3 P2098190 0 1 FT SEP19898R0006 2-BUTANONE 776-93-3 P2091919 4 6 FT SEP19898R0006 2-BUTANONE 776-93-3 P209499 0 1 FT SEP2989R0006 2-BUTANONE 776-93-3 P209499 0 1 FT SEP2989R0006 2-BUTANONE 776-93-3 P209499 0 1 FT SEP2989R0006 2-BUTANONE 776-93-3 P209499 0 1 FT SEP2989R0006 2-BUTANONE 776-93-3 P209499 0 2 FT SEP2989R0006 2-BUTANONE 776-93-3 P209499 0 2 FT SEP2989R0006 2-BUTANONE 776-93-3 P209499 0 2 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 0 2 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 1 6 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 2 4 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 3 5 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 4 6 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 5 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 6 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 7 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 8 6 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP398P0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R0006 2-BUTANONE 776-93-3 P200899 9 7 FT SEP3989R | | 10 ug/Kg | | Z |
| 18295 0 2 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 2 4 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 4 6 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 4 6 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 4 6 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 4 5 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 4 5 FT 8 H00105PE 2-8UTANONE 78-93-3 18295 4 6 FT 8 | 10 | 10 ug/Kg 10 ug/Kg | | Z |
| 48295 2 | 10; | 10 ug/Kg | | Z |
| 48395 0 2 FT | 10 | 10 ug/Kg | U | Z |
| 48395 | 10 | 10 ug/Kg | | Z |
| P209899 5 | 10, 10, | 2 ug/Kg 10 ug/Kg | | Z |
| P209189 0 | 12 | 12 ug/Kg | | v |
| P209489 0 | 12 | 12 ug/Kg | U | V |
| P209489 | 12 | 12 ug/Kg | | V |
| P209899 0 2 FT SEP2689BR0002 2-BUTANONÉ 78-93-3 P209889 4 6 FT SEP2689BR0002 2-BUTANONÉ 78-93-3 P210289 0 2 FT SEP2189BR0002 2-BUTANONE 78-93-3 P210289 0 2 FT SEP2189BR0006 2-BUTANONE 78-93-3 P210289 4 5 FT SEP2189BR0006 2-BUTANONE 78-93-3 P210289 4 5 FT SEP2189BR0006 2-BUTANONE 78-93-3 P210289 4 5 FT SEP2189BR0006 2-BUTANONE 78-93-3 P210289 4 5 FT SEP2189BR0006 2-BUTANONE 78-93-3 P210289 4 5 FT SP038702DH 2-BUTANONE 78-93-3 P210289 4 6 FT SP038702DH 2-BUTANONE 78-93-3 P210289 4 6 FT SP038702DH 2-BUTANONE 78-93-3 P210289 4 6 FT SP038702DH 2-BUTANONE 78-93-3 P210289 4 6 FT SP038702DH 2-BUTANONE 78-93-3 P210289 P21 | 11 | 11 ug/Kg | | V |
| P209899 | 11 12 | 11 ug/Kg 12 ug/Kg | | V IV |
| P210289 0 2 FT SEP3189BR0002 2-BUTANONE 178-93-3 78- | 12 | 12 ug/Kg | | l v |
| F210289 | 12 | 12 ug/Kg | | V |
| SP0387 2 | 12 | 12 ug/Kg | U | v |
| 41593 4 6 FT BH40419AE I2-CHLORONAPHTHALENE 91-58-7 42193 0 5 FT BH4027AE I2-CHLORONAPHTHALENE 91-58-7 42293 1 6 FT BH40253AE I2-CHLORONAPHTHALENE 91-58-7 42493 5 7 IN SS4083AE I2-CHLORONAPHTHALENE 91-58-7 42493 5 7 IN SS4083AE I2-CHLORONAPHTHALENE 91-58-7 42493 0 5 FT BH40440AE I2-CHLORONAPHTHALENE 91-58-7 42593 0 5 FT BH40440AE I2-CHLORONAPHTHALENE 91-58-7 43393 0 5 FT BH40512AE I2-CHLORONAPHTHALENE 91-58-7 43393 0 5 FT BH40512AE I2-CHLORONAPHTHALENE 91-58-7 43493 0 5 FT BH40319AE I2-CHLORONAPHTHALENE 91-58-7 43493 0 5 FT BH40319AE I2-CHLORONAPHTHALENE 91-58-7 43693 0 5 FT BH40520AE I2-CHLORONAPHTHALENE 91-58-7 43693 1 7 FT BH40786AE I2-CHLORONAPHTHALENE 91-58-7 46593 7 8 IN SS40140AE I2-CHLORONAPHTHALENE 91-58-7 46593 7 8 IN SS40140AE I2-CHLORONAPHTHALENE 91-58-7 46593 7 8 IN SS40140AE I2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40796AE I2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40796AE I2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40796AE I2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40804AE I2-CHLORONAPHTHALENE 91-58-7 46693 10 16 IN SS40144AE I2-CHLORONAPHTHALENE 91-58-7 46993 10 16 IN SS40144AE I2-CHLORONAPHTHALENE 91-58-7 46993 10 16 IN SS40144AE I2-CHLORONAPHTHALENE 91-58-7 48993 10 16 IN SS40144AE I2-CHLORONAPHTHALENE 91-58-7 48993 10 16 IN SS40144AE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00103PE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00103PE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00104PE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00104PE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00104PE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00104PE I2-CHLORONAPHTHALENE 91-58-7 48195 0 IFT BH00104PE I2-CHLORONAPHTHALENE 91-58-7 48195 | | 50 ug/Kg | | |
| 12193 0 5 FT | 440 | 50/ug/Kg 440/ug/Kg | | V |
| 1 | 360 | 360 ug/Kg | | V |
| 12493 5 | 390: | 390 ug/Kg | | J |
| 12493 0 5 FT | 350 | 350 ug/Kg | U . | V |
| 4393 0 5 FT BH40512AE 2-CHLORONAPHTHALENE 91-58-7 43493 5 10 FT BH40319AE 2-CHLORONAPHTHALENE 91-58-7 43493 0 5 FT BH40319AE 2-CHLORONAPHTHALENE 91-58-7 43693 0 5 FT BH40520AE 2-CHLORONAPHTHALENE 91-58-7 46693 1 7 FT BH40786AE 2-CHLORONAPHTHALENE 91-58-7 46693 1 7 FT BH40786AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46793 0 6 FT BH40798AE 2-CHLORONAPHTHALENE 91-58-7 46893 0 7 FT BH40804AE 2-CHLORONAPHTHALENE 91-58-7 46893 0 7 FT BH40804AE 2-CHLORONAPHTHALENE 91-58-7 46993 10 16 IN SS40144AE 2-CHLORONAPHTHALENE 91-58-7 46993 10 16 IN SS40144AE 2-CHLORONAPHTHALENE 91-58-7 48195 0 2 FT BH40816AE 2-CHLORONAPHTHALENE 91-58-7 48195 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48195 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 3 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 3 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 5 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 5 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 5 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 5 FT BH0013PE 2-CHLORONAPHTHALENE 91-58-7 48393 0 5 FT BH0032AE 2-CHLOROPHENOL 95-57-8 42493 0 5 FT BH0032AE 2 | 360 | 360 ug/Kg | | lV . |
| 43493 5 10 FT BH40322AE 2-CHLORONAPHTHALENE 91-58-7 43493 0 5 FT BH40319AE 2-CHLORONAPHTHALENE 91-58-7 43693 0 5 FT BH40520AE 2-CHLORONAPHTHALENE 91-58-7 46593 1 7 FT BH40786AE 2-CHLORONAPHTHALENE 91-58-7 46593 7 8 IN SS40140AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40804AE 2-CHLORONAPHTHALENE 91-58-7 46893 0 7 FT BH40804AE 2-CHLORONAPHTHALENE 91-58-7 46893 1 5 FT BH40810AE 2-CHLORONAPHTHALENE 91-58-7 46993 1 5 FT BH40810AE 2-CHLORONAPHTHALENE 91-58-7 47093 1 7 FT BH40816AE 2-CHLORONAPHTHALENE 91-58-7 48195 4 6 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48195 4 6 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00104PE 2-CHLORONAPHTHALENE 91-58-7 48295 0 2 FT BH00104PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00104PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00104PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH0016PPE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH0016PPE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH0016PPE 2-CHLORONAPHTHALENE 91-58-7 48393 3 5 FT BH00440AE 2-CHLOROPHENOL 95-57-8 42493 5 7 IN SS40083AE 2-CHLOROPHENOL 95-57-8 42493 5 7 IN SS40083AE 2-CHLO | 360 | 360 ug/Kg | | IV IV |
| 43493 0 5 FT BH40319AE 2-CHLORONAPHTHALENE 91-58-7 43693 0 5 FT BH40520AE 2-CHLORONAPHTHALENE 91-58-7 46693 1 7 FT BH40786AE 2-CHLORONAPHTHALENE 91-58-7 46693 7 8 IN SS40140AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40792AE 2-CHLORONAPHTHALENE 91-58-7 46693 0 7 FT BH40804AE 2-CHLORONAPHTHALENE 91-58-7 46993 1 5 FT BH40810AE 2-CHLORONAPHTHALENE 91-58-7 46993 1 5 FT BH40810AE 2-CHLORONAPHTHALENE 91-58-7 46993 1 7 FT BH40810AE 2-CHLORONAPHTHALENE 91-58-7 47093 1 7 FT BH40810AE 2-CHLORONAPHTHALENE 91-58-7 48195 4 6 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48195 4 6 FT BH00103PE 2-CHLORONAPHTHALENE 91-58-7 48195 2 4 FT BH00102PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00102PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 3 5 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48395 4 6 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48393 5 7 1 1 1 1 1 1 1 1 1 | 360 370 | 360 ug/Kg 370 ug/Kg | | Z |
| 43693 | 380 | 380 ug/Kg | | z |
| 46593 7 | 360 | 360 ug/Kg | | V |
| 46693 | 330 | 360 ug/Kg | | V |
| 46793 | 330 | 390 ug/Kg | | J |
| 46893 | 330 | 380 ug/Kg 370 ug/Kg | | V V |
| 1 | 330 | 370 ug/Kg | | |
| 47093 | 330, | 350 ug/Kg | | V |
| 48195 | 330 | 380 ug/Kg | | V |
| 48195 0 2 FT | 330 | 350 ug/Kg | | V |
| 48195 2 | 660 760 | 660 ug/Kg 760 ug/Kg | 10 | Z |
| 48295 0 2 FT BH00104PE 2-CHLORONAPHTHALENE 91-58-7 48295 2 4 FT BH00105PE 2-CHLORONAPHTHALENE 91-58-7 48295 4 6 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 2 4 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 2 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 2 FT BH00106PE 2-CHLORONAPHTHALENE 91-58-7 48395 0 5 FT BH00106PE 2-CHLOROPHENOL 95-57-8 42193 0 5 FT BH40419AE 2-CHLOROPHENOL 95-57-8 42193 0 5 FT BH40427AE 2-CHLOROPHENOL 95-57-8 42293 1 6 FT BH40253AE 2-CHLOROPHENOL 95-57-8 42493 5 7 IN S\$40083AE 2-CHLOROPHENOL 95-57-8 42493 0 5 FT BH40440AE 2-CHLOROPHENOL 95-57-8 42593 0 5 FT BH40440AE 2-CHLOROPHENOL 95-57-8 43393 0 5 FT BH40512AE 2-CHLOROPHENOL 95-57-8 43493 5 7 IFT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43 | 790 | 790.ug/Kg | | Z |
| 48295 | 740 | 740 ug/Kg | | Ž |
| 48395 2 | 770 | 770 ug/Kg | | Z |
| 148395 | 790 | 790 ug/Kg | | Z |
| 48395 0 2 FT BH00107PE 2-CHLORONAPHTHALENE 91-58-7 41593 4 6 FT BH40419AE 2-CHLOROPHENOL 95-57-8 42193 0 5 FT BH40427AE 2-CHLOROPHENOL 95-57-8 42293 1 6 FT BH40253AE 2-CHLOROPHENOL 95-57-8 42493 5 7 IN | 660 750 | 660 ug/Kg 750 ug/Kg | | Z |
| 41593 | 810 | 810 ug/Kg | | Z |
| 42193 0 5 FT BH4027AE 2-CHLOROPHENOL 95-57-8 42293 1 6 FT BH40253AE 2-CHLOROPHENOL 95-57-8 42493 5 7 IN SS40083AE 2-CHLOROPHENOL 95-57-8 42493 0 5 FT BH40440AE 2-CHLOROPHENOL 95-57-8 42493 0 5 FT BH40440AE 2-CHLOROPHENOL 95-57-8 42593 0 5 FT BH40512AE 2-CHLOROPHENOL 95-57-8 43393 0 5 FT BH40512AE 2-CHLOROPHENOL 95-57-8 43493 5 10 FT BH40312AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40510AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 | 440 | 440 ug/Kg | Ü | v |
| 42493 5 | 360 | 360 ug/Kg | U | V |
| 42493 0 5 FT BH40440AE 2-CHLOROPHENOL 95-57-8 42593 0 5 FT BH40448AE 2-CHLOROPHENOL 95-57-8 43393 0 5 FT BH40512AE 2-CHLOROPHENOL 95-57-8 43493 5 10 FT BH40322AE 2-CHLOROPHENOL 95-57-8 43493 0 5 FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5 FT 8-40520AE 2-CHLOROPHENOL 95-57-8 436 | 390 | 390 ug/Kg | | J · |
| 42593 0 5 FT BH40448AE 2-CHLOROPHENOL 195-57-8 14393 0 5 FT BH40512AE 2-CHLOROPHENOL 195-57-8 143493 5 10 FT BH40322AE 2-CHLOROPHENOL 195-57-8 143493 0 5 FT BH40319AE 2-CHLOROPHENOL 195-57-8 143693 0 5 FT BH40520AE 2-CHLOROPHENOL 195-57-8 143693 0 5 FT BH40520AE 2-CHLOROPHENOL 195-57-8 143693 0 5 FT 143693 1436 | 350 360 | 350/ug/Kg 360/ug/Kg | | V |
| 43393 0 5/FT BH40512AE 2-CHLOROPHENOL 95-57-8 43493 5 10/FT BH40322AE 2-CHLOROPHENOL 95-57-8 43493 0 5/FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5/FT BH40520AE 2-CHLOROPHENOL 95-57-8 43693 0 5/FT BH40520AE 2-CHLOROPHENOL 95-57-8 | 360 | 360 µg/Kg | lU | V V |
| 43493 0 5;FT BH40319AE 2-CHLOROPHENOL 95-57-8 43693 0 5;FT BH40520AE 2-CHLOROPHENOL 95-57-8 : | 360 | 360 ug/Kg | U | V |
| 43693 0 S FT BH40520AE 2-CHLOROPHENOL 95-57-8 | 370 | 370]ug/Kg | U | Z |
| | 380 | 380;ug/Kg | | Z |
| 46593 1 7 FT BH40786AE 2-CHLOROPHENOL 95-57-8 | 360 | 360 ug/Kg 360 ug/Kg | | V |
| 46593 7: 8.IN SS40140AE 2-CHLOROPHENOL 95-57-8 | 330 | 390;ug/Kg | | J |
| 46693 0 7/FT BH40792AE 2-CHLOROPHENOL 95-57-8 | 330 | 380;ug/Kg | | iV |
| 46793 0 6:FT BH40798AE 2-CHLOROPHENOL 95-57-8 | 330 | 370 ug/Kg | U | V |
| 46893 0 7;FT IBH40804AE !2-CHLOROPHENOL !95-57-8 | 330 | 370,ug/Kg | | V |
| 46993 1 5 FT BH40810AE 2-CHLOROPHENOL 95-57-8 46993 10 16 IN SS40144AE 2-CHLOROPHENOL 95-57-8 | 330) 330 | 350 ug/Kg 380 ug/Kg | | V V |
| 46993 10 16/IN ISS40144AE 2-CHLOROPHENOL 195-57-6 147093 1 7/FT BH40816AE 2-CHLOROPHENOL 195-57-8 | 330 | 350 ug/Kg | | V |
| 48195 4: 6;FT BH00103PE 2-CHLOROPHENOL 95-57-8 | 660 | 660) ug/Kg | U | Z |
| 48195 0 2 FT BH00101PE 2-CHLOROPHENOL 95-57-8 | 760 | 760 ug/Kg | U | Z |
| 48195 2: 4 FT BH00102PE 2-CHLOROPHENOL 195-57-8 | 790 | 790 ug/Kg | U | Z |
| 48295 0 2 FT BH00104PE 2-CHLOROPHENOL 95-57-8 48295 2 4 FT BH00105PE 2-CHLOROPHENOL 95-57-8 | 740 | 740 ug/Kg 770 ug/Kg | | Z |
| 48295 2 4 FT BH00105PE 2-CHLOROPHENOL 95-57-8 48295 4 6 FT BH00106PE 2-CHLOROPHENOL 95-57-8 | 790 | 790;ug/Kg | | Z |
| 48395 2: 4)FT BH00108PE 2-CHLOROPHENOL 95-57-8 | 660 | 660 ug/Kg | U | ž |
| 48395 4 5 FT BH00109PE 2-CHLOROPHENOL 95-57-8 | 750 | 750 ug/Kg | U | Z |
| 48395 0 2 FT BH00107PE 2-CHLOROPHENOL 195-57-8 | 810 | 810 ug/Kg | | Z |
| 05093 | 11 | 11 ug/Kg 11 ug/Kg | | IV I |
| 05093 5 6;FT BH00063AE 2-HEXANONE 1591-78-6 <td>1.17</td> <td>11 ug/Kg</td> <td></td> <td>V</td> | 1.17 | 11 ug/Kg | | V |
| 05393 2 2 FT BH00077AE 2-HEXANONE 591-78-6 | 11 | | | v |



| [] OCATION | Incomulaca | 7U) - 1'KHT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subs | | | iles | | |
|--------------------|--|-------------------|---|--|------------------------|------------------|--------------------------------|---------------------------------------|-------------------------|
| CODE | START EN | | SAMPLE NUMBER | * Analyte | CAS NO | DETECTION F | ESULT UNITS | CAB RESULT | VALIDATION QUALIFIER |
| 40093 | 1 | 2 ₁ FT | BH40168AE | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | mi binggarpen yan pagini ayan yang me | V |
| 40093 | 4 | 5/FT | IBH40169AE | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg | | V |
| 40293 | 2 | 2iFT 2iFT | !BH40119AE !BH40124AE | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 12 12 | 12 ug/Kg 12 ug/Kg | | V V |
| 40693 | 1] | 2 FT | | 2-HEXANONE | 591-78-6 | 13 | 13 ug/Kg | | V |
| 40793 | 5 | 6 FT | | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg | U | V |
| 40793 40893 | 1 4 | 2 FT 5 FT | | 2-HEXANONE 12-HEXANONE | 591-78-6 591-78-6 | 64 10 | 64 ug/Kg | | V V |
| 40893 | 1 | 1 iFr | | 2-HEXANONE | 591-78-6 | 10 | 11 ug/Kg i 58 ug/Kg i | | <u>v</u> |
| 40993 | 1 | 2¦FT | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | U ! | V |
| 41193 | 5. | 6 FT 2 FT | BH40203AE BH40050AE | 2-HEXANONE 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | | <u>V</u> |
| 41293 | | 2 FT | | 2-HEXANONE | 591-78-6 591-78-6 | 12 56 | 12 ug/Kg 56 ug/Kg | | V V |
| 41593 | 1 5. | 5:FT | BH40211AE | 2-HEXANONE | 591-78-6 | 10 | 10 ug/Kg i | | · V |
| 41693 | 2 | 2 FT | | 2-HEXANONE | 591-78-6 | 10, | 10 ug/Kg | | V |
| 41793 | 5 | 3 FT 6 FT | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 10 | 10 ug/Kg 11 ug/Kg | | V V |
| 41993 | 2 | 2 FT | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | | <u>v</u> |
| 41993 | 5 | 5 FT | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | | v_ |
| 42093 42193 | 11 | 2 FT | | 2-HEXANONE | 591-78-6 | 57 | 57 ug/Kg | | V |
| 42293 | 4 | 2 FT 4 FT | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 24! 11 | 24 ug/Kg 1 11 ug/Kg | | <u>V</u> J |
| 42393 | 1 | 1 FT | | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg | | <u>v</u> |
| 42493 | 5 | 5 FT | BH40284AE | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | | <u>v</u> |
| 42493 | 2 | 3 FT | | 2-HEXANONE | 591-78-6 | 13 | 13 ug/Kg | U i | V |
| 42593 42993 | 5 1 | 6FT 2FT | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 11 | 11 ug/Kg | | <u>v</u> v |
| 42993 | 5 | 6 FT | | 2-HEXANONE | 591-78-6 | 10; | 10 ug/Kg 12 ug/Kg | | <u>v</u> V |
| 43193 | 2 | 2 FT | BH40307AE | 2-HEXANONE | 591-78-6 | 21 | 21 ug/Kg | | v |
| 43393 | 2 | | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | U I | V |
| 43393 43493 | 5 2 | | | 2-HEXANONE 2-HEXANONE | 591-78-6 | 13 | 13 ug/Kg l | | <u>V</u> |
| 43493 | 5 | | | 2-HEXANONE | 1591-78-6 591-78-6 | 12 12 | 12 ug/Kg l | | <u>v</u> |
| 43693 | 3 | | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | | * |
| 43793 | 1 | | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg 1 | J | V |
| 43793 43893 | 5 1 | 6 FT 1 FT | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 12: 12 | 12 ug/Kg 1 | | <u> </u> |
| 43993 | 1 | | | 2-HEXANONE | 591-78-6 | 11 | 12 ug/Kg 0 11 ug/Kg 0 | | V V |
| 43993 | 5 | 5 FT | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg | | · |
| 44093 | 1 | | | 2-HEXANONE | 591-78-6 | 23 | 23 ug/Kg l | | |
| 44393 44393 | 5 1 | | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 25 | 25.ug/Kg l | | |
| 44893 | 2 | | | 2-HEXANONE | 591-78-6 | 57 _i | 57 ug/Kg l 11 ug/Kg l | | |
| 45693 | 5 ⁵ | 6;FT | BH40376AE | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg | | |
| 45693 | 1 | | | 2-HEXANONE | 591-78-6 | 13 | 13 ug/Kg + l | | |
| 45793 45893 | 5 2 | | | 2-HEXANONE 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg L |] | |
| 45893 | 5 | | *************************************** | 2-HEXANONE | 591-78-6 591-78-6 | 12 | 12 ug/Kg l 12 ug/Kg l |) [1 | |
| 46193 | 0. | | | 2-HEXANONE | 1591-78-6 | 60 | 60 ug/Kg l | | |
| 46293 | 2 | | | 2-HEXANONE | 591-78-6 | 13 | 13 ug/Kg l | | |
| 46593 46693 | 2 | | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 10, | 11 ug/Kg I | | |
| 46793 | 1 | | | 2-HEXANONE | 591-78-6 | 10 | 13 ug/Kg L 13 ug/Kg L | | |
| 46893 | 1 | | | 2-HEXANONE | 591-78-6 | 10 | 11lug/Kg L | | |
| 46993 48195 | 3 | | | 2-HEXANONE | 591-78-6 | 10 | 11 ug/Kg L | | |
| 48195 | 2 | | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 5 | 5 ug/Kg (L | | |
| 48195 | 4 | | | 2-HEXANONE | 591-78-6 | 5 _. 5 | 5 ug/Kg L 5 ug/Kg L | · · · · · · · · · · · · · · · · · · · | Z Z |
| 48295 | , O _i | 2 FT | 8H00104PE | 2-HEXANONE | 591-78-6 | 5 5 | 5 ug/Kg L | | Z |
| 48295 48295 | 2 | | | 2-HEXANONE | 591-78-6 | | 5 ug/Kg L | J i | Z |
| 48395 | 4 0, | | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 5 5 | 5 ug/Kg L 5 ug/Kg L | | Z Z |
| 48395 | 4 | | | 2-HEXANONE | 591-78-6 | 5 | 5 ug/Kg (C | | Z |
| P208989 | 5 | | | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg L | | |
| P209189 P209189 | 0 4 | | | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg L | J | |
| P209489 | 0, | | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 12 11 | 12 ug/Kg L 11 ug/Kg L |) i\ | |
| P209489 | 4 | | | 2-HEXANONE | 591-78-6 | 11 | 11 ug/Kg L | | |
| P209889 | 0 | | | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg L | | |
| P209889 P210289 | 4 <u>'</u> | | | 2-HEXANONE | 591-78-6 | 12 | 12 ug/Kg L | J !\ | |
| P210289 | 4' | | | 2-HEXANONE 2-HEXANONE | 1591-78-6 591-78-6 | 12 | 12 ug/Kg L 12 ug/Kg L | | |
| SP0387 | 2 | 4 FT | SP038702DH | 2-HEXANONE | 591-78-6 | 12 | 50)ug/Kg L | j j | <u>'</u> |
| 41593 | 4' | | | -METHYLNAPHTHALENE | 91-57-6 | 440 | 440 ug/Kg L | 1 | |
| 42193 42293 | 0, 1 | | | 2-METHYLNAPHTHALENE 2-METHYLNAPHTHALENE | 91-57-6 | 360 | 360 ug/Kg L | | |
| 42493 | 5 | | | 2-METHYLNAPHTHALENE | 91-57-6 | 390 350 | 390 ug/Kg L 350 ug/Kg L | | |
| 42493 | 0 | 5:FT | BH40440AE | -METHYLNAPHTHALENE | 91-57-6 | 360 | 360 ug/Kg U | | |
| 42593 | 0 | | | -METHYLNAPHTHALENE | 91-57-6 | 360 | 360 ug/Kg U | 1 | <u> </u> |
| 43393 43493 | <u>0</u> 5 | | | -METHYLNAPHTHALENE -METHYLNAPHTHALENE | 91-57-6 | 360 | 360 ug/Kg U | | |
| 43493 | 0 | | | METHYLNAPHTHALENE | 91-57-6 | 370 380 | 370 ug/Kg U 380 ug/Kg U | | |
| 43693 | O, | 5 FT | BH40520AE 2 | -METHYLNAPHTHALENE | 91-57-6 | 360 | 360)ug/Kg U | | |
| 46593 | 71. | | | -METHYLNAPHTHALENE | 91-57-6 | 330 | 73 ug/Kg J | ; A | |
| 46593 | 1 | 7 FT | BH40786AE 2 | -METHYLNAPHTHALENE | 91-57-6 | 330 | 360 ug/Kg U | 1/ | |



| U OCATION | DEPTH DE | EDTUT | UNIT (8) | | | Analytical Results for Subsurfac | | an 6 Feet - Org | *************************************** | er s ecologia | LAB RESULT | LVALIDATION |
|------------------|------------------|------------------|----------|------------------------|----------------------------------|--|----------------------|-------------------------|---|--------------------------|--------------|----------------|
| CODE | | END | | SAMPLE NUMBER | | Analyte | CAS NO | LIMIT | | | QUALIFIER | QUALIFIER |
| 146693 | Ô | 7 F | 7 | BH40792AE | 2-METHYLNAPHT | | 91-57-6 | 330 | 380 | iug/Kg | Ü | V |
| 46793 | 0 | 6!F | | BH40798AE | 2-METHYLNAPHT | | 91-57-6 | 330 | | ug/Kg | | IV |
| 46893 46993 | <u>0</u> 1 | 7; F 5; F | | | 2-METHYLNAPHT 2-METHYLNAPHT | | 191-57-6 191-57-6 | 330 330 | | ug/Kg ug/Kg | | {∨ i∨ |
| 46993 | 10 | 16 11 | | SS40144AE | 2-METHYLNAPHT | | 91-57-6 | 330 | | ug/Kg | Ü | V |
| 47093 | 1 | 7 F | | | 2-METHYLNAPHT | HALENE | 91-57-6 | 330 | 350 | ug/Kg | | V |
| 48195 | 4 | 6 F | | | 2-METHYLNAPHT | | 91-57-6 | 660 | | ug/Kg | | Z |
| 48195 48195 | 2 0 | 4 F | | BH00102PE BH00101PE | 2-METHYLNAPHT 2-METHYLNAPHT | | 91-57-6 | 790 760 | | ug/Kg | | 'Z Z |
| 48295 | 2 | 4)F | | BH00105PE | 2-METHYLNAPHT | | 191-57-6 | 770 | | ug/Kg ug/Kg | | Z |
| 48295 | 4 | 6 F | T | | 2-METHYLNAPHT | | 91-57-6 | 790 | | ug/Kg | | Z |
| 48295 | 0 | 2 F | | | 2-METHYLNAPHT | | 91-57-6 | 740 | *************************************** | ug/Kg | | Z |
| 48395 48395 | 2 | 4 F | | | 2-METHYLNAPHT | | 91-57-6 91-57-6 | 660 750 | | ug/Kg | | Z |
| 48395 | 0 | 2 F | | | 2-METHYLNAPHT | | 91-57-6 | 810 | | ug/Kg ug/Kg | | Z |
| 41593 | 4 | 6 F | | | 2-METHYLPHENC | | 95-48-7 | 440 | | ug/Kg | | īV |
| 42193 | 0 | 5 F | | | 2-METHYLPHENC | | 95-48-7 | 360 | | ug/Kg | | V |
| 42293 42493 | i 1 _i | 6 F | | | 2-METHYLPHENC 2-METHYLPHENC | | 95-48-7 95-48-7 | 390 350 | | ug/Kg | | J V |
| 42493 | 0 | 5 F | | | 2-METHYLPHENC | | 95-48-7 | 360 | | ug/Kg ug/Kg | | V |
| 42593 | 0 | 5 F | | | 2-METHYLPHENC | | 95-48-7 | 360 | | ug/Kg | | V |
| 43393 | O; | 5 F | | | 2-METHYLPHENC | | 95-48-7 | 360 | | ug/Kg | | V |
| 43493 | 5 | 10 F | | | 2-METHYLPHENC 2-METHYLPHENC | | 95-48-7 | 370 | 370 | ug/Kg i | U | Z |
| 43493 43693 | 0 | 5 F | | | 2-METHYLPHENC | | 95-48-7 95-48-7 | 380 360 | 380 | ug/Kg ug/Kg | 11 | Z V |
| 46593 | 1 | 7 F | | | 2-METHYLPHENC | | 95-48-7 | 330 | | ug/Kg | | V |
| 46593 | 7 | 11 8 | V : | SS40140AE | 2-METHYLPHENC | DL | 95-48-7 | 330 | 390 | ug/Kg | U | J |
| 46693 | 0, | 7 F | | | 2-METHYLPHENC | | 95-48-7 | 330 | | ug/Kg | | V |
| 46793 46893 | 0 | 6 F | | | 2-METHYLPHENC 2-METHYLPHENC | | 95-48-7 95-48-7 | 330 330 | | ug/Kg ug/Kg | | V |
| 46993 | 1 | 5 F | | | 2-METHYLPHENO | | 95-48-7 | 330 | ··· | ug/Kg | | V |
| 46993 | 10, | 16 11 | | | 2-METHYLPHENO | | 95-48-7 | 330 | | ug/Kg | | ů – |
| 47093 | 1 | 7 F | | | 2-METHYLPHENO | | 95-48-7 | 330 | 350 | ug/Kg | U | V |
| 48195 | 4 | 6 F | | | 2-METHYLPHENC | | 195-48-7 | 660 | | ug/Kg | | Z |
| 48195 48195 | 0 2 | 2 F 4 F | | | 2-METHYLPHENO 2-METHYLPHENO | | 95-48-7 95-48-7 | 760 790 | | ug/Kg ug/Kg | | Z |
| 48295 | 0 | 2 F | | | 2-METHYLPHENO | | 95-48-7 | 740 | | ug/Kg | | Z |
| 48295 | 2 | 4 F | | | 2-METHYLPHENO | | 95-48-7 | 770 | 770 | ug/Kg | | Z |
| 48295 | 4 | 6 F | | | 2-METHYLPHENO | | 95-48-7 | 790 | | ug/Kg | | Z |
| 48395 48395 | 2 4 | 4 F | | | 2-METHYLPHENO 2-METHYLPHENO | | 95-48-7 | 660 750 | | ug/Kg ug/Kg | | Z |
| 48395 | 0 | 2 F | | | 2-METHYLPHENO | | 95-48-7 | 810 | | ug/Kg | | Z |
| 41593 | 4 | 6 F | Τ [| BH40419AE | 2-NITROANILINE | | 88-74-4 | 2200 | 2200 | ug/Kg | Ü | v |
| 42193 | 0 | 5 F | | | 2-NITROANILINE | | 88-74-4 | 1800 | | ug/Kg | | V |
| 42293 42493 | 1 0 | 6 F | | | 2-NITROANILINE 2-NITROANILINE | | 88-74-4 | 1900 | | ug/Kg | | J |
| 42493 | 5 | 7/10 | | | 2-NITROANILINE | | 88-74-4 | 1800 1800 | | ug/Kg ug/Kg | | V |
| 42593 | 0 | 5 F | | | 2-NITROANILINE | | 88-74-4 | 1800 | | ug/Kg | | v |
| 43393 | 0 | 5 F | | | 2-NITROANILINE | | 88-74-4 | 1800 | 1800 | ug/Kg i | U | V |
| 43493 43493 | 5' | 10 F 5 F | | | 2-NITROANILINE 2-NITROANILINE | | 88-74-4 88-74-4 | 1800 | | ug/Kg | | Z Z |
| 43693 | 0, | 5,F | | | 2-NITROANILINE | | 88-74-4 | 1900 | | ug/Kg ug/Kg | | V . |
| 46593 | 1 | 7(F | | | 2-NITROANILINE | | 88-74-4 | 1600 | | ug/Kg | | Ÿ |
| 46593 | 7 | 8 11 | | | 2-NITROANILINE | | 88-74-4 | 1600 | | ug/Kg | | J |
| 46693 46793 | 0 | 7(F 6(F | | | 2-NITROANILINE | | 88-74-4 | 1600 | | ug/Kg | | V |
| 46793 46893 | 0 | 7 F | | | 2-NITROANILINE | | 88-74-4 | 1600 1600 | | ug/Kg ug/Kg | | V V : |
| 46993 | 1 | 5 F | | | 2-NITROANILINE | | 88-74-4 | 1600 | | ug/Kg i | | V |
| 46993 | 10 | 16 IN | | SS40144AE | 2-NITROANILINE | | 88-74-4 | 1600 | 1900 | ug/Kg | U | V |
| 47093 | 1 | 7 F | | | 2-NITROANILINE | ~ | 88-74-4 | 1600 | | ug/Kg | | V . |
| 48195 48195 | 4 0 | 6 F | | | 2-NITROANILINE 2-NITROANILINE | | 88-74-4 | 1700 1900 | | ug/Kg ug/Kg | | Z . |
| 48195 | 2 | 4 F | | BH00102PE | 2-NITROANILINE | | 88-74-4 | 2000 | 2000 | ug/Kg | Ü | <u>Z</u> . |
| 48295 | 0, | 2 F | T i | BH00104PE | 2-NITROANILINE | | 88-74-4 | 1800 | 1800 | ug/Kg | U | Z |
| 48295 | 2 | 4 F | | | 2-NITROANILINE | | 88-74-4 | 1900 | | ug/Kg | U | Z |
| 48295 48395 | 4 2 | 6 F 4 F | | | 2-NITROANILINE 2-NITROANILINE | | 88-74-4 | 2000 | | ug/Kg | | Z |
| 48395 | 4 | 5 F | | | 2-NITROANILINE | | 88-74-4 | 1700 1900 | | ug/Kg ug/Kg | | Z |
| 48395 | 0, | 2 F | | | 2-NITROANILINE | | 88-74-4 | 2000 | 2000 | ug/Kg | U | Z |
| 41593 | 4 | 6 F | | | 2-NITROPHENOL | | 88-75-5 | 440 | 440 | ug/Kg | U | V |
| 42193 42293 | 0) 1: | 5 F | | | 2-NITROPHENOL | // | 88-75-5 | 360 | 360 | ug/Kg | Ų | V |
| 42293 42493 | 5 | 7/IN | | | 2-NITROPHENOL 2-NITROPHENOL | | 88-75-5 88-75-5 | 390 350 | 350 | ug/Kg ug/Kg | u l | ∨ |
| 42493 | 0, | 5.F | T ! | BH40440AE | 2-NITROPHENOL | | 88-75-5 | 360, | 360 | ug/Kg | U | v V |
| 42593 | 0, | 5 F | | | 2-NITROPHENOL | | 88-75-5 | 360 | 360 | ug/Kg | Ú | V |
| 43393 | 0, | 5 F | | | 2-NITROPHENOL | | 88-75-5 | 360 | 360) | ug/Kg ¦l | U i | <u>v</u> |
| 43493 · | 5. 0 | 10 F 5 F | | | 2-NITROPHENOL 2-NITROPHENOL | ······································ | 88-75-5 88-75-5 | 370 _. 380 | | ug/Kg ug/Kg | U . | Z Z |
| 43693 | 0. | 5 F | | | 2-NITROPHENOL | | 88-75-5 | 360 | 360 | ug/Kg | Ŭ | 2 |
| 46593 | 1 | 7 ₁ F | T [1 | BH40786AE | 2-NITROPHENOL | | 88-75-5 | 330 | 360) | ug/Kg 🔢 | U | V |
| 46593 | 71 | 8 11 | | | 2-NITROPHENOL | | 88-75-5 | 330 | 390 | ug/Kg | U ; | J |
| 46693 46793 | 0; 0 | 7 F | | | 2-NITROPHENOL 2-NITROPHENOL | | 88-75-5 | 330 | | ug/Kg | | <u>V</u> |
| 46893 | 0, | 7 F | | | 2-NITROPHENOL | | 88-75-5 88-75-5 | 330 330 | | ug/Kg ug/Kg | | <u>v</u> |
| 46993 | 11 | 5 F | | | 2-NITROPHENOL | | 88-75-5 | 330 | | ug/Kg ∣l | | * - |
| | | | | | | | | | | | | |

| | , | | 8-7 | ·-· | | | | | | |
|-------------|-----------------------------------|-------------------|---------------------|--------------|-----------------------|--|---------------|-------------------|----------------|--------------|
| ^ | `````````````````````` | 1 6×/1 | | 91 21 | 72-54-8 | | | | 10 | £69£ |
| , · | | 1 6×/ | | 81 | 72-54-8 | | | | Š | 3493 |
| ^ | | NKB II | | 81 | 72-54-8 | | | | .O | 3483 |
| ^ | | | gu 71 | 121 | 72-54-8 | | | | 0 | 3393 |
| ^ | | | 3n 71 | 71 | 72-54-8 | | | | 0 | 2493 |
| ^ | | | อก ธเ | 61 | 72-54-8 | | | | i. | 2293 |
| | | 1 6y/ | Buits | 1/2 | 8-95-27 | | | | 0 | 5183 |
| ^ Z | | | 30,0007 | 51 | 6-72-86228 | | | | ; † | 1 283 |
| Z | | | 3n:0002 | ' | E-76-86558 | | | | Þ | 9332 |
| <u>z</u> | | | 3000Z | 2000 | Z-60-66 | | | | 0 | 8395 |
| Z | | | 30 0061 | 0061 | 2-60-66 | | | | ₩ | 9395 |
| Z | | | 3n 00Zi | 0071 | Z-60-66 | | | | Z | 9332 |
| Z | 1 | | 2000jn | 2000 | 2-60-66 | | | | Þ | 8595 |
| z | | 1 6y/ | 3000t | 1900 | Z-60-66 | | | | 7 | 9582 |
| Z | ; (| 6y/t | 3u 0081 | 0081 | Z-60-66 | 3-NITROANILINE | BH00104PE | T-IS | 0 | 9678 |
| Z | | | 3n 000Z | 2000 | Z-60-66 | 3-NITROANILINE | BH00102PE | 14.4 | 2 | 2618 |
| Z | | | 3uj0061 | 1900 | 2-60-66 | 3-NITROANILINE | 3910100H8 | Z FT | 0 | 2618 |
| Z | | | 3n 0071 | 0071 | 89-09-2 | 3-NITROANILINE | | | .7 | 9618 |
| ^ | · | | 0071 | 1600 | 2-60-66 | 3-NITROANILINE | | | 1 | 2607 |
| ^ | | | 3ni0061 | 0091 | Z-60-66 | | | N 91 | 101 | ₹669 |
| ^ | | | 3n!0071 | 0091 | 2-60-66 | | | TTG | <u> </u> | £669 |
| ^ | | | 3u 0081 | 1600 | Z-60-66 | | | 1-12 | 0 | €689 |
| ^ | | | gu 0081 gu 0081 | 0001 | Z-60-66 Z-60-66 | BUILINAORTIN-6 | | 1-19 | 0 | 6679 |
| ^^ | | | gu 0081 | 1600 | Z-60-66 | S-NITNAOANILNE S-NITNAOANILNA-6 | | | 1/2 | £699 £699 |
| | | | 0071 | 0091 | Z-60-66 | | | | 1 <u>1</u> | £659 £659 |
| <u>· ^</u> | | | 3u 0081 | 0081 | Z-60-66 | 3-VITROATILINE | | 1718 | 0 | 5695 |
| Z | | | 0081 | 0061 | 2-60-66 | | | | 70 | 3493 |
| Z | | | 3u 0081 | 0081 | Z-60-66 | 3-NITROATILINE | | | S | 3493 |
| ^ | 1 (| By/t | 3u 0081 | 0081 | Z-60-66 | 3-NITROATILINE | | 17.8 | 0 | 3393 |
| ^ | i r | бу/б | 3u 0081 | 1800 | 2-60-66 | 3-ИІТВОАИІГІИЕ | | 14.9 | 0 | 2693 |
| ^ | ſ | 6×/€ | 3u 0081 | 0081 | 2-60-66 | 3-ИІТКОАИІГІИЕ | SS40083AE | NI ¹ Z | S | 2493 |
| ^ | | | yu 0081 | ,0081 | Z-60-66 | 3-NITROANILINE | BH40440AE | ान्। | 0 | 2493 |
| <u>r</u> | | | 30 006 I | 0061 | 2-60-66 | 3-MITROANILINE | | 1= 9 | 1 | 12293 |
| ^ | | | u 0081 | 0081 | Z-60-66 | 3-NITROANLINE | | 171 ₈ | 0 | . S183 |
| ^ | | | S200 n | 2500 | 2 -60-66 | 3-NITROANLINE | | 17/8 | Þ | 1593 |
| <u>Z</u> | | | U018 | 018 | 1-16-16 | | | 77 2 | 0 | 9688 |
| <u>z</u> | | | in(067 | 750 | 1-76-16 | 3'3DICHCOROBENZIDINE | | 17.6 | Þ | 9395 |
| <u>Z</u> | <u></u> | | in(099 | 099 | 1-16-16 | | | | 2 | 9688 |
| <u>z</u> | | | ort 90/067 | 064 | 1-76-16 | 3'3-DICHFOROBENZIDINE | | 17/0 | Þ | 9628 |
| Z Z | | By/6 | | 04T 0TT | 1-96-16 | 3'3DICHTOKOBENZIDINE | | 17 <u> </u> 2 | Z | 9678 |
| <u>Z</u> | | | 064 | 064 | 1-96-16 | 3'3DICHTOKOBENZIDINE 3'3DICHTOKOBENZIDINE | | T= 4 T= 2 | 0 Z | 9678 |
| Z | <u> </u> | | 097 | 094 | 1-16-16 | 3'3DICHTOBOBENZIDINE | | T= S | 0 | 2618 |
| <u>_</u> | | By/t | | 099 | 1-46-16 | 3'3. DICHTOBOBENSIDINE | | 1국 9 | 7 | , 3618 |
| ^ | | 6×/€ | | 099 | 1-46-16 | 3'3,-DICHLOROBENZIDINE | | 14/7 | l. | £607. |
| ^ | | By/E | | 099 | 1-16-16 | 3'3,-DICHFOROBENZIDINE | | 16 IN | 01 | £669 |
| ^ | | | in 014 | 099 | 1-16-16 | | | 1= 8 | 11 | £669° |
| | | By/E | n 057 | 099 | 1-46-16 | 3'3DICHFOKOBENZIDINE | | 1-12 | 0 | €689 |
| ^ | <u> </u> | 6×/€ | 057 | 099 | 1-16-16 | 3'3,-DICHTOROBENZIDINE | | T= 3. | 0 | £649 |
| ۸ | | 6×/€ | in 097 | 099 | 1-16-16 | 3'3DICHLOROBENZIDINE | 3AS6704H8 | THIT | 0 | £699 |
| r | | 6×/6 | | 099 | 1 -16 -16 | 3'3DICHTOBOBENZIDINE | SS40140AE | NI 8 | 7 | £699 |
| ^ | | 6×/€ | | 099 | 1-46-16 | | | T= T | 1 | £699 |
| ^ | | ∫K∂ | | 720 | 1-56-16 | 3'3DICHFOGOBENZIDINE | | T= 8 | 0 | €69€ |
| <u>z</u> | | 6 _{X/} 6 | | 092 | 1-96-16 | 3'3-DICHCOBOBENZIDINE | | TH S | 0 | 3493 |
| Z | | 6)/K | | 047 | 1-56-16 | 3'3-DICHLOROBENZIDINE | | 1 <u>1</u> 01 | S | 3493 |
| ^ | <u> </u> | 6y/6 | | 720 | 1-76-16 | 3'3,-DICHTOROBENZIDINE | | | 0 | 3393 |
| ^ | · | 6y/6 | | 017 | 1-76-16 | | | T 1 6 | 0 | 5693 |
| ^ | | BX/E | | 700 <u>/</u> | 1-46-16 | 3'3DICHFOROBENZIDINE | | NI 7 T= 8 | <u>0</u> | 2493 2493 |
| <u>^\</u> | | 63/16 | | 017 | 1-146-16 | | | | ļ. | 2293 |
| | | 6)/Kg | | 720 | 1-46-16 | | | 17!8 | 0 | 5363 |
| ^ | | 6)K9 | | 068 | 1-1-6-16 | | | T= 8 | , b | 1293 |
| z ż | | 6×/6 | | | 0-78-8781 | | | 17 4 | Z | 9688 |
| Z | | 6×/6 | | 1 | 0-78-8781 | | | 1 1 18 | Þ | 9628 |
| Z | NLE | 6×/6 | 1000001 | | 123-42-2 | 2-PENTANONE, 4-HYDROXY-4-METHYL | | | O | 9628 |
| Z | NI | | 10000 | | 153 -4 5-5 | 2-PENTANONE, 4-HYDROXY-4-METHYL | 3980100H8 | 17/4 | 5 | 9688 |
| Z | | | u 000001 | ! | 153-45-5 | 2-PENTANONE, 4-HYDROXY-4-METHYL | | 14/4 | 2 | 9628 |
| Z | ····· | | u 000001 | | 123-42-2 | 2-PENTANONE, 4-HYDROXY-4-METHYL | | TFIS | 0 | 9628 |
| Z | | | n(0000) | | 153-45-5 | 2-PENTANONE, 4-HYDROXY-4-METHYL | | | Þ | 9678 |
| <u>z</u> | | | u 000001 | ļ | 153-45-5 | 2-PENTANONE, 4-HYDROXY-4-METHYL | | T∃ S | 0 | 2618 |
| <u>Z</u> | | | n 00006 | | 153-45-5 | 2-PENTANONE, 4-HYDROXY-4-METHYL | | 14/8 | <u>†</u> | 9618 |
| Z | | 5×/6 | | 018 | 8-27-88 | 2-NITROPHENOL | | <u> </u> | 0 | 9628 |
| Z | | 9/Kg | | 000 | 2-57-88 | 2-NITROPHENOL | | 11 S | 7 | 9688 |
| Z | | 0/Kg | | 099 | 6-27-88 | | | 14/2 | 2 | 9688 |
| Z | | 6)Kg | | 06 <u>7</u> | 2-27-88 2-37-88 | S-NITROPHENOL S-NITROPHENOL | | 14 6 14 6 | 7 | 9532 9532 |
| Z | | 6)/Kg | | 077 | S-27-88 | 2-NITROPHENO! | | 77 S | 0 | 9628 |
| Z | | 6/K9 | | 06Z | 3-27-88 | 2-NITROPHENOL | | 73 C | 7 | 3058 |
| Z | | 6/K9 | | 094 | S-27-88 | SAITROPHENOL | | 71 S | 0 | 9618 |
| Z | | 6/Kg | | 099 | S-27-88 | 2-NITROPHENOL | | 14:8 | , 0 | 3018 |
| ٨١ | | 6/Kg | | 330 | 5-27-88 | 2-NITROPHENOL | | | 1 | 5607 |
| ٨ | | 6 _X /6 | | 330 | 5-27-88 | S-NITROPHENOL | | NI-91 | 101 | €669 |
| | | | | | CVZ NO | BYISAA | SAMPLE NUMBER | | | CODE |
| ABIRIJAUD, | CONTRACTOR IN | | | | | 선물들이 가장 하는 사람은 얼마 얼마를 다 나는 나는 사람이 없다. | | TINU HT930 | | |

| ELOCATION I | neptyl nepty | | Table A.7 Solar | r Evaporation Ponds AOC - Analytical | Results for Subsurface Solis Less Ti | | | ENGLAND CONTRACT | |
|---|--|------------------------------------|-------------------------------------|---|---|--------------------|---|------------------|---|
| | DEPTH DEPTH START END | | SAMPLE NU | IMBER Analy | te CAS NO | DETECTION LIMIT | RESULT UNITS | | |
| 46593 | | IN | SS40140AE | 4.4'-DDD | 72-54-8 | 16 | 19 ug/Kg | U | J |
| 46693 46793 | | FT | BH40792AE BH40798AE | 4,4'-DDD 4,4'-DDD | 72-54-8 72-54-8 | 16 | | | <u>V</u> |
| 46893 | | FT | BH40804AE | 4,4'-DDD | 72-54-8 | 16 | | | V V |
| 46993 | | FT | BH40810AE | (4,4'-DDD | 72-54-8 | 1€ | 17 ug/Kg | U | V |
| 46993 | | IN FT | SS40144AE BH40816AE | 4.4'-DDD 4.4'-DDD | 72-54-8 | 16 | | | V |
| SP0387 | | FT | SP038702DH | | 72-54-8 72-54-8 | 16 | | | <u> </u> |
| 41593 | 4 6 | FT | BH40419AE | 4,4'-DDE | 72-55-9 | 21 | | | V |
| 42193 | | FT | BH40427AE | 4.4'-DDE | 72-55-9 | 17 | | | |
| 42293 | | FT | BH40253AE BH40440AE | 4,4'-DDE 4,4'-DDE | 72-55-9 72-55-9 | 19 | | | |
| 43393 | | | BH40512AE | 4,4'-DDE | 72-55-9 | 17 | | | v |
| 43493 | | FT | BH40319AE | 4,4'-DDE | 72-55-9 | 18 | 18 ug/Kg | U I | V |
| 43493 43693 | | FT FT | BH40322AE BH40520AE | 4.4'-DDE 4.4'-DDE | 72-55-9 72-55-9 | 18 | | | |
| 46593 | | FT | BH40786AE | 4,4'-DDE | 72-55-9 | 16 | | | |
| 46593 | | IN | SS40140AE | 4,4'-DDE | 72-55-9 | 16 | | | |
| 46693 46793 | | FT | BH40792AE | 4,4'-DDE | 72-55-9 | 16 | | | |
| 46893 | | | BH40798AE BH40804AE | 4,4'-DDE 4,4'-DDE | 72-55-9 72-55-9 | 16 16 | | | |
| 46993 | | | BH40810AE | 4,4'-DDE | 72-55-9 | 16 | | | |
| 46993 | | IN | SS40144AE | 4,4'-DDE | 72-55-9 | 16 | 18 ug/Kg | U \ | V |
| 47093 SP0387 | | | BH40816AE SP038702DH | 4,4'-DDE 4,4'-DDE | 72-55-9 | 16 | | | √ |
| 41593 | | | BH40419AE | 4,4'-DDT | 72-55-9 50-29-3 | 21 | | | <i>V</i> |
| 42193 | 0 5 | FT | BH40427AE | 4,4'-DDT | 50-29-3 | 17 | | | |
| 42293 | | | BH40253AE | 4,4'-DDT | 50-29-3 | 19 | 19 ug/Kg | U I | V |
| 42493 43393 | | | BH40440AE BH40512AE | 4,4'-DDT 4,4'-DDT | 50-29-3 50-29-3 | 17 | · | | |
| 43493 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | BH40319AE | 4,4'-DDT | 50-29-3 | 17 | | | |
| 43493 | 5, 10 | FT | BH40322AE | 4,4'-DDT | 50-29-3 | 18 | 18 ug/Kg | U (N | V |
| 43693 | | | BH40520AE | 4.4'-DDT | 50-29-3 | 17 | | | |
| 46593 46593 | | FT IN | BH40786AE SS40140AE | 4,4'-DDT 4,4'-DDT | 50-29-3 50-29-3 | 16 16 | | | |
| 46693 | | | BH40792AE | 4,4'-DDT | 50-29-3 | 16 | | | |
| 46793 | | | BH40798AE | 4,4'-DDT | 50-29-3 | 16 | 18 ug/Kg | | |
| 46893 46993 | | | BH40804AE | 4.4'-DDT | 50-29-3 | 16 | | | |
| 46993 | | | BH40810AE SS40144AE | . !4,4'-DDT 4,4'-DDT | 50-29-3 50-29-3 | 16 16 | | | |
| 47093 | 1 7 | FT | BH40816AE | 14,4'-DDT | 50-29-3 | 16 | | | |
| SP0387 | ······································ | FT | SP038702DH | | 50-29-3 | 4 | 4 ug/Kg | U | |
| 41593 42193 | | | BH40419AE BH40427AE | 4.6-DINITRO-2-METHYLPH 4.6-DINITRO-2-METHYLPH | | 2200 | | | |
| 42293 | | | BH40253AE | 4,6-DINITRO-2-METHYLPH | | 1800 1900 | | | |
| 42493 | 0 5 | FT | BH40440AE | 4,6-DINITRO-2-METHYLPH | | 1800 | | | |
| 42493 42593 | | | SS40083AE | 4,6-DINITRO-2-METHYLPH | | 1800 | | | |
| 43393 | | | BH40448AE BH40512AE | 4,6-DINITRO-2-METHYLPH 4,6-DINITRO-2-METHYLPH | | 1800 1800 | | | |
| 43493 | 5 10 | | BH40322AE | 4,6-DINITRO-2-METHYLPH | | 1800 | | | |
| 43493 | | | BH40319AE | 4,6-DINITRO-2-METHYLPH | | 1900 | 1900 ug/Kg | U [Z | 2 |
| 43693 46593 | | | BH40520AE BH40786AE | 4,6-DINITRO-2-METHYLPH | | 1800 | | | |
| 46593 | | | SS40140AE | 4,6-DINITRO-2-METHYLPH 4,6-DINITRO-2-METHYLPH | | 1600 1600 | | | |
| 46693 | | | BH40792AE | 4,6-DINITRO-2-METHYLPH | | 1600 | | | |
| 46793 | | | BH40798AE | 4,6-DINITRO-2-METHYLPH | ENOL 534-52-1 | 1600 | 1800 ug/Kg | U V | / |
| 46893 46993 | | | BH40804AE BH40810AE | 4,6-DINITRO-2-METHYLPH 4,6-DINITRO-2-METHYLPH | | 1600 1600 | | U (V | *************************************** |
| 46993 | 10 16 | | SS40144AE | 4,6-DINITRO-2-METHYLPH | | 1600 1600 | 1700¦ug/Kg l 1900 ug/Kg l | | |
| 47093 | 1 7 | FT | BH40816AE | 4,6-DINITRO-2-METHYLPH | ENOL 534-52-1 | 1600 | 1700 ug/Kg l | U (V | / |
| 48195 48195 | | | BH00103PE | 4,6-DINITRO-2-METHYLPH | | 1700 | 1700 ug/Kg I | U [2 | Z i |
| 48195 48195 | | | BH00101PE BH00102PE | 4,6-DINITRO-2-METHYLPH 4,6-DINITRO-2-METHYLPH | | 1900 1900 | 1900 ug/Kg I 1900 ug/Kg I | | 2 |
| 48295 | | | BH00104PE | 4,6-DINITRO-2-METHYLPH | | 1800 | 1800 ug/Kg 1 | U 12 | |
| 48295 | 2 4 | FT | BH00105PE | 4,6-DINITRO-2-METHYLPH | ENOL 534-52-1 | 1900 | 1900 ug/Kg I | U Z | Z |
| 48295 48395 | | | BH00106PE | 4,6-DINITRO-2-METHYLPH | | 2000 | 2000 ug/Kg | U 2 | Z |
| 48395 | | | BH00108PE BH00109PE | 4,6-DINITRO-2-METHYLPH 4,6-DINITRO-2-METHYLPH | | 1700 1900 | 1700;ug/Kg ↓l 1900;ug/Kg ¡l | | <u>′</u> |
| 48395 | | | BH00107PE | 4,6-DINITRO-2-METHYLPH | | 2000 | 2000/ug/Kg t | U 12 | |
| 41593 | | | BH40419AE | 4-CHLORO-3-METHYLPHE | NOL 59-50-7 | 440 | 440 ug/Kg 11 | V | / |
| 42193 42293 | | | BH40427AE BH40253AE | 4-CHLORO-3-METHYLPHE | | 360 | 360 ug/Kg (| | |
| 42493 | 5 7 | | SS40083AE | 4-CHLORO-3-METHYLPHE | | 390; 350 | 390 ug/Kg l 350 ug/Kg l | | |
| 42493 | 0 5 | FT i | BH40440AE | 4-CHLORO-3-METHYLPHE | NOL 59-50-7 | 360 | 360 ug/Kg l | U IV | / |
| 42593 | | | BH40448AE | 4-CHLORO-3-METHYLPHE | | 360 | 360 ug/Kg l | V V | 7 |
| 43393 43493 | 0 5 5 10 | | BH40512AE BH40322AE | 4-CHLORO-3-METHYLPHEI | | 360 | 360 ug/Kg l | | |
| | | | BH40319AE | 14-CHLORO-3-METHYLPHEI | | 370 380 | 370 ug/Kg l 380 ug/Kg l | U Z J Z | |
| 43493 | 0, 5 | | | | | 360 | | | |
| 43693 | 0 5 | FT | BH40520AE | 4-CHLORO-3-METHYLPHEI | | | 360 ug/Kg l | ١٧ | |
| 43693 46593 | 0 5 1 7 | FT FT | BH40786AE | 4-CHLORO-3-METHYLPHE | NOL 59-50-7 | 330 | 360 ug/Kg l | J V | |
| 43693 46593 46593 | 0 5 1 7 7 8 | FT FT IN | BH40786AE SS40140AE | 4-CHLORO-3-METHYLPHER 4-CHLORO-3-METHYLPHER | NOL 59-50-7 NOL 59-50-7 | 330 330 | 360 ug/Kg l 390 ug/Kg l | را ر دا ر | · |
| 43693 46593 46593 46693 46793 | 0 5 1 7 | FT FT IN FT | BH40786AE | 4-CHLORO-3-METHYLPHE | NOL 59-50-7 NOL 59-50-7 NOL 59-50-7 | 330 330 330 | 360 ug/Kg L 390 ug/Kg L 380 ug/Kg L | \ <u>(</u> | <u>'</u> |
| 43693 46593 46593 46693 | 0 5 1 7 7 8 0 7 0 6 0 7 | FT FT IN FT FT | BH40786AE SS40140AE BH40792AE | 4-CHLORO-3-METHYLPHER 4-CHLORO-3-METHYLPHER 4-CHLORO-3-METHYLPHER | NOL 59-50-7 NOL 59-50-7 NOL 59-50-7 NOL 59-50-7 NOL 59-50-7 | 330 330 | 360 ug/Kg l 390 ug/Kg l | | |

| | 11 BEST 11 | | 1 | Table A.7 Solar Evapo | ation Ponds AOC - Analytical Results for Subsurface | Soils Less Th | an 6 Feet - Org | | AB RESULT | VALIDATION |
|----------------|------------|-------------|----------|-----------------------|---|------------------------|-----------------|--------------------------------|-----------|-------------|
| CODE | START | END | CODE | SAMPLE NUMBER | Analyte | CAS NO | LIMIT | RESULT UNITS | | QUALIFIER |
| 46993 | 10 | | IN | SS40144AE | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 330 | 380 ug/Kg .t | | V |
| 47093 | 1 | | FT | | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 330 | 350 ug/Kg l | | V |
| 48195 48195 | 0 | | FT | | 4-CHLORO-3-METHYLPHENOL 4-CHLORO-3-METHYLPHENOL | 59-50-7 59-50-7 | 660 760 | 660 ug/Kg t 760 ug/Kg t | | Z |
| 48195 | 2 | | FT | | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 790 | 790,ug/Kg (| | Z |
| 48295 | 0 | | FT | | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 740 | 740 ug/Kg l | , | Z |
| 48295 | 2 | | FT | | 4-CHLORO-3-METHYLPHENOL | 159-50-7 | 770 | 770 ug/Kg il | | Z |
| 48295 48395 | 4 2 | | FT FT | | 4-CHLORO-3-METHYLPHENOL 4-CHLORO-3-METHYLPHENOL | 59-50-7 59-50-7 | 790 660 | 790)ug/Kg !l 660)ug/Kg ;l | | Z |
| 48395 | 4 | | FT | | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 750 | 750 ug/Kg (| | Z |
| 48395 | i 0. | 2 | FT | | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 810 | 810 ug/Kg l | J | Z |
| 41593 | 4 | | FT | | | 106-47-8 | 440 | | | V |
| 42193 42293 | 0 | | FT FT | | | 106-47-8 | 360 390 | 360:ug/Kg l 390:ug/Kg l | | J |
| 42493 | 5, | | IN | | 4-CHLOROANILINE | 106-47-8 | 350 | 350 ug/Kg | | v |
| 42493 | 0 | | FT | | 4-CHLOROANILINE | 106-47-8 | 360 | 360 ug/Kg l | J | V |
| 42593 | 0 | | FT | | 4-CHLOROANILINE | 106-47-8 | 360 | 360 ug/Kg l | | V |
| 43393 43493 | 5 | | FT | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 106-47-8 | 360 370 | 360 ug/Kg l 370 ug/Kg l | | IV Z |
| 43493 | 3 | | FT | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 | 380 | 380 ug/Kg 1 | | Z |
| 43693 | 0, | | FT | | | 106-47-8 | 360 | 360 ug/Kg l | | V |
| 46593 | 1 | | FT | | 4-CHLOROANILINE | 106-47-8 | 330 | 360 ug/Kg l | | V |
| 46593 | 7 | | IN | | 4-CHLOROANILINE | 106-47-8 | 330 | 390 ug/Kg l | | J |
| 46693 46793 | 0 | | FT FT | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 106-47-8 | 330 330 | 380 ug/Kg l 370 ug/Kg l | | V V |
| 46893 | 0 | | FT | BH40804AE | 4-CHLOROANILINE | 106-47-8 | 330 | 370:ug/Kg | | V |
| 46993 | 1 | 5 | FT | BH40810AE | 4-CHLOROANILINE | 106-47-8 | 330 | 350 ug/Kg l | J | V |
| 46993 | 10 | | IN | | 4-CHLOROANILINE | 106-47-8 | 330 | 380 ug/Kg l | | V |
| 47093 48195 | 1 4 | | FT FT | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 106-47-8 | 330 660 | 350 ug/Kg t 660 ug/Kg t | | V Z |
| 48195 | 0 | | FT | | 4-CHLOROANILINE | 106-47-8 | 760 | 760 ug/Kg | | Ž |
| 48195 | 2 | | FT | | 4-CHLOROANILINE | 106-47-8 | 790 | 790 ug/Kg (| | Z |
| 48295 | 0 | | FT | | | 106-47-8 | 740 | 740 ug/Kg t | | Z |
| 48295 48295 | 2 | | FT | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 | 770 790 | 770 ug/Kg 0 | | Z |
| 48395 | 2 | | FT | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 106-47-8 | 660 | 790 ug/Kg t 660 ug/Kg t | | Z |
| 48395 | 4 | | FT | | 4-CHLOROANILINE | 106-47-8 | 750 | 750 ug/Kg (| | Z |
| 48395 | 0, | | FT | | 4-CHLOROANILINE | 106-47-8 | 810 | 810 ug/Kg l | | Z |
| 41593 | 4 | | FT | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 440 | 440 ug/Kg l | | IV. |
| 42193 42293 | 0 | | FT | | 4-CHLOROPHENYL PHENYL ETHER 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 360 390 | 360 ug/Kg t 390 ug/Kg t | | J |
| 42493 | 5 | | IN | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 350 | 350 ug/Kg l | | Ň . |
| 42493 | 0 | | FT | | | 7005-72-3 | 360 | 360 ug/Kg l | J | V |
| 42593 | 0 | | FT | | | 7005-72-3 | 360 | 360 ug/Kg (| | V |
| 43393 | 5 | | FT FT | | | 7005-72-3 7005-72-3 | 360 370 | 360 ug/Kg L 370 ug/Kg L | | V Z |
| 43493 | 1 6 | | FT | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 380 | 380 ug/Kg | | Z |
| 43693 | Ö | | FT | | | 7005-72-3 | 360 | 360 ug/Kg L | J | V |
| 46593 | 1 | | FT | | | 7005-72-3 | 330 | 360 ug/Kg 0 | | V |
| 46593 | 7 0 | | FT : | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 7005-72-3 | 330 330 | 390 ug/Kg l 380 ug/Kg l | | J V |
| 46693 46793 | 0, | | FT | | 4-CHLOROPHENYL PHENYL ETHER 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | 370 ug/Kg t | | V V |
| 46893 | 1 0 | | FT | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | 370 ug/Kg l | | v |
| 46993 | 1 | | FT | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | 350 ug/Kg l | | V |
| 46993 | 10 | | IN | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | 380 ug/Kg l | | V |
| 47093 48195 | 1 4 | | FT FT | | 4-CHLOROPHENYL PHENYL ETHER 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 660 | 350 ug/Kg l 660 ug/Kg l | | V Z |
| 48195 | 1 0 | | FT | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 760 | 760 ug/Kg l | , | Z |
| 48195 | 2 | 4 | FT | BH00102PE | 4-CHLOROPHENYL PHENYL ETHER | :7005-72-3 | 790 | 790 ug/Kg l | J | Z |
| 48295 | 0 | | FT | | | 7005-72-3 | 740 | 740 ug/Kg l | | Z |
| 48295 48295 | 2 | | FT FT | | | 7005-72-3 7005-72-3 | 770 790 | 770 ug/Kg l 790 ug/Kg l | | Z |
| 48395 | 2 | | FT | | | 7005-72-3 | 660 | 660[ug/Kg [l | | Z |
| 48395 | 4 | 5 | FT | BH00109PE | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 750 | 750 ug/Kg l | J | Z |
| 48395 | 0 | | FT | | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 810 | 810 ug/Kg l | | Z |
| 05093 | 1 1 | | FT | | | 108-10-1 | 11 | | | V |
| 05093 05193 | 5 | | FT FT | | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 11 11 | 11 ug/Kg l 11 ug/Kg l | | V |
| 05393 | 2 | | FT | | 4-METHYL-2-PENTANONE | 108-10-1 | 10 | 10 ug/Kg il | | V |
| 40093 | 1 | 2 | !FT | BH40168AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11 ug/Kg : l | J | V |
| 40093 | 4 | | FT | | | 108-10-1 | 12 | | | > |
| 40293 40393 | 2 | | FT | | | 108-10-1 | 12 12 | 12 ug/Kg l 12 ug/Kg l | | V |
| 40693 | 1 | | FT | | 4-METHYL-2-PENTANONE | 108-10-1 | 13 | 13 ug/Kg L | | V |
| 40793 | 5 | 6 | FT | BH40159AE | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg | J | V |
| 40793 | 1 | | FT | | 4-METHYL-2-PENTANONE | 108-10-1 | 64 | 64 ug/Kg | | V |
| 40893 40893 | 1 1 | | FT FT | | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 10. 10 | 11 ug/Kg ll 58 ug/Kg ll | | V |
| 40893 | 1 1 | | FT | | | 108-10-1 | 10 | | | V |
| 40993 | 5 | | FT | | | 108-10-1 | 11 | |) | V |
| 41193 | 1 | 2 | FT | BH40050AE | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg l |) | V |
| 41293 | 1 1 | | FT | | | 108-10-1 | 56 | 56 ug/Kg L 10 ug/Kg L |) ! | > |
| 41593 | 5 | | FT | | | 108-10-1 | 10 10 | 10/ug/Kg L | , | V |
| 41693 | 2 | | | | | | | | | |



| | NOEPTH | DEPTH CUNIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurfa | ice Soils Less Th | | .w.3 381 | LAB RESULT | VALIDATION |
|---|----------------|--|---|--|--|------------------------------|--|------------|-------------|
| CODE | START | END CODE | | Analyte | CAS NO | | ULT UNITS | QUALIFIER | QUALIFIER |
| 41793 | 5 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 11; | 11jug/Kg il | | V |
| 41993 41993 | 2 | 2 FT 5 FT | BH40063AE BH40064AE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11/ug/Kg 1 11/ug/Kg 1 | | V |
| 42093 | 1 1 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 57 | 57 ug/Kg | | v v |
| 42193 | 1 | 2 FT | BH40436AE | 4-METHYL-2-PENTANONE | 108-10-1 | 24 | 24 ug/Kg | | V |
| 42293 | 4 | | BH40254AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 12: | 11 ug/Kg 1 12 ug/Kg 1 | | J ∨ |
| 42393 42493 | 1 5 | | BH40262AE BH40284AE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11:ug/Kg | | <u>v</u> |
| 42493 | 2 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 13 | 13 ug/Kg | | V |
| 42593 | 5 | | BH40292AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11 ug/Kg | | V |
| 42993 42993 | 1 5 | | BH40143AE BH40145AE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 10; 12 | 10 ug/Kg 1 12 ug/Kg 1 | | V V |
| 42993 43193 | 1 2 | | BH40307AE | 4-METHYL-2-PENTANONE | 108-10-1 | 21 | 21 ug/Kg | | V |
| 43393 | 2 | | BH40325AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11jug/Kg | J | V |
| 43393 | 5 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 13 | 13 ug/Kg | | V |
| 43493 43493 | 5 | 2 FT 6 FT | | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 108-10-1 | 12 | 12/ug/Kg | | v v |
| 43693 | 3 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11/ug/Kg | | V |
| 43793 | 1 | 1 FT | BH40333AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11 ug/Kg | J : | ٧ |
| 43793 | 5 | | BH40334AE | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg | | V V |
| 43893 43993 | 1 1 | | BH40071AE BH40354AE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 12 11 | 12 ug/Kg 11 ug/Kg | | V |
| 43993 | 5 | | BH40355AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11iug/Kg | | V |
| 44093 | 1 | | BH40349AE | 4-METHYL-2-PENTANONE | 108-10-1 | 23 | 23lug/Kg | U | ٠ . |
| 44393 | 5 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 25 | 25 ug/Kg | | V |
| 44393 44893 | 1 2 | | BH40034AE BH40190AE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 57 11 | 57 ug/Kg 11 ug/Kg | | V |
| 44693 45693 | 5 | | BH40376AE | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg | | V |
| 45693 | 1 | 1 FT | BH40375AE | 4-METHYL-2-PENTANONE | 108-10-1 | 13 | 13 ug/Kg | J | V |
| 45793 45000 | 5 | | BH40560AE | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | 11!ug/Kg | | V V |
| 45893 45893 | 5 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg 12 ug/Kg | | V |
| 46193 | + - 5 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 60 | 60 ug/Kg | | v |
| 46293 | . 2 | | BH40566AE | 4-METHYL-2-PENTANONE | 108-10-1 | 13 | 13 ug/Kg | | ٧ |
| 46593 | .2 | | BH40701AE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 10 | 11 ug/Kg | | V |
| 46693 46793 | 1 1 | ····· | BH40716AE BH40730AE | 4-METHYL-2-PENTANONE | 108-10-1 | 10, | 13 ug/Kg 13 ug/Kg 1 | | V |
| 46893 | - | | BH40744AE | 4-METHYL-2-PENTANONE | 108-10-1 | 10 | 11 ug/Kg | U | V |
| 46993 | 3 | | IBH40758AE | 4-METHYL-2-PENTANONE | 108-10-1 | 10, | 11jug/Kg | | V |
| 48195 | 0 | | 1BH00101PE | 4-METHYL-2-PENTANONE | 108-10-1 | 5 | 5 ug/Kg | | Z |
| 48195 4 8 195 | 2 | | BH00102PE 1BH00103PE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 5 5 | 5 ug/Kg 5 ug/Kg | | Z |
| 48295 | 1 0 | | 1BH00104PE | 4-METHYL-2-PENTANONE | 108-10-1 | 5 | 5 ug/Kg | | Z |
| 48295 | 2 | | BH00105PE | 4-METHYL-2-PENTANONE | 108-10-1 | 5 | 5 ug/Kg | | Z |
| 48295 | 1 0 | | BH00106PE BH00107PE | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 5 5 | 5 ug/Kg 5 ug/Kg | | Z |
| 48395 48395 | 4 | | 1BH00107PE | 4-METHYL-2-PENTANONE | 108-10-1 | 5 | 5 ug/Kg | | Z |
| P208989 | 5 | | SEP1789BR0406 | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg | U | V |
| P209189 | 0 | | SEP1989BR0002 | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg | | V |
| P209189 P209489 | 4 0 | | SEP1989BR0406 SEP2289BR0002 | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 12 11 | 12 ug/Kg 11 ug/Kg | | v v |
| P209489 | 4 | | SEP2289BR0406 | 14-METHYL-2-PENTANONE | 108-10-1 | 11 | 11 ug/Kg | | v |
| P209889 | 0 | 2 FT | SEP2689BR0002 | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg | | ٧ |
| P209889 | 4 | | SEP2689BR0406 | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 lug/Kg | | V |
| P210289 P210289 | 0 | | SEP3189BR0002 SEP3189BR0406 | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 ug/Kg 12 ug/Kg | | V |
| SP0387 | 2 | | SP038702DH | 4-METHYL-2-PENTANONE | 108-10-1 | | 50 ug/Kg | | <u> </u> |
| 41593 | 4 | 6 FT | BH40419AE | 4-METHYLPHENOL | 106-44-5 | 440 | 440 ug/Kg | U | ٧ |
| 42193 | 0 | | BH40427AE | 4-METHYLPHENOL | 106-44-5 | 360 390 | 360 ug/Kg | |) V |
| 42293 42493 | 1 5 | | BH40253AE (SS40083AE | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 | 350 | 390 ug/Kg 350 ug/Kg | | V |
| 42493 | 1 0 | 5)FT | BH40440AE | 4-METHYLPHENOL | 106-44-5 | 360 | 360 ug/Kg | U | V |
| 42593 | 0 | 5FT | BH40448AE | 4-METHYLPHENOL | 106-44-5 | 360 | 360 ug/Kg | Ų | V |
| 43393 43493 | 5 | | BH40512AE BH40322AE | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 | 360 370 | 360 ug/Kg 370 ug/Kg | <u>U</u> | V Z |
| 43493 43493 | 5 | | BH40319AE | 4-METHYLPHENOL | 106-44-5 | 380 | 380 ug/Kg | | Z |
| 43693 | Ö | 5 FT | BH40520AE | 4-METHYLPHENOL | 106-44-5 | 360 | 360 ug/Kg | U | V |
| 46593 | 1 | | BH40786AE | 4-METHYLPHENOL | 106-44-5 | 330 | 360 ug/Kg | | V |
| 46593 46693 | 7 | | SS40140AE BH40792AE | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 | 330 330 | 390 ug/Kg 380 ug/Kg | <u> </u> | V V |
| 46793 | 1 8 | | BH40798AE | 4-METHYLPHENOL | 106-44-5 | 330 | 370 ug/Kg | | V |
| 16893 | , 0 | 7 FT | BH40804AE | 4-METHYLPHENOL | 106-44-5 | 330 | 370 ug/Kg | U | V |
| 46993 | 1 | | BH40810AE | 4-METHYLPHENOL | 106-44-5 | 330 | 350 ug/Kg | U | V |
| | 10 | | SS40144AE BH40816AE | 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 | 330 | 380 ug/Kg 350 ug/Kg | | v v |
| 46993 | ; 1 | | BH00103PE | 4-METHYLPHENOL | 106-44-5 | 660 | 660 ug/Kg | U | Z |
| 46993 47093 | 4 | | BH00101PE | 4-METHYLPHENOL | 106-44-5 | 760 | 760 ug/Kg | U | Z |
| 46993 47093 48195 48195 | 0 | | | | | 300 | | | |
| 46993 47093 48195 48195 48195 | 2 | 4 FT | BH00102PE | 4-METHYLPHENOL | 106-44-5 | 790 | 790 ug/Kg | | Z |
| 46993 47093 48195 48195 48195 48295 | 2 | 4 FT 2 FT | BH00102PE BH00104PE | 4-METHYLPHENOL | 106-44-5 | 740 | 740 ug/Kg ! | U | Z |
| 46993 47093 48195 48195 48195 | 0 2 0 0 2 | 4 FT 2 FT 4 FT | BH00102PE BH00104PE BH00105PE | | | | | U U | |
| 46993 47093 48195 48195 48195 48295 48295 48295 48295 | 0 2 2 4 4 2 | 4 FT 2 FT 4 FT 6 FT 4 FT | BH00102PE BH00104PE BH00105PE BH00106PE BH00108PE | 4-METHYLPHENOL 4-METHYLPHENOL 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 106-44-5 106-44-5 106-44-5 | 740, 770, 790, 660, | 740 ug/Kg 770 ug/Kg 790 ug/Kg 660 ug/Kg | U U | Z Z Z |
| 46993 47093 48195 48195 48195 48295 48295 48295 | 0 2 2 4 | 4 FT 2 FT 4 FT 6 FT 4 FT 5 FT | BH00102PE BH00104PE BH00105PE BH00106PE | 4-METHYLPHENOL 4-METHYLPHENOL 4-METHYLPHENOL | 106-44-5 106-44-5 106-44-5 | 740, 770, 790, | 740 ug/Kg 770 ug/Kg 790 ug/Kg | | Z Z Z |



| LOCATION | DEPTH DEPTH | | Table A.7 Solar Evap | oration Ponds A | OC - Analytical Results | for Subsurface | Soils Less Th | an 6 Feet - Org DETECTION | | | LAB RESULT | VALIDATION |
|-----------------------------|-------------|--------------|--------------------------|--------------------------|-------------------------|---|----------------------|------------------------------|--------|------------------|--|-----------------|
| CODE | START END | CODE | | | Analyte | | CAS NO | UMIT. | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 42193 42293 | | 5,FT 5 FT | BH40427AE BH40253AE | 4-NITROANI | | | 100-01-6 | 1800 | | ug/Kg ug/Kg | | <u>V .</u> J |
| 42293 | | 5:FT | BH40440AE | 4-NITROANII | | | 100-01-6 | 1800 | | ug/Kg | | <u>v</u> |
| 42493 | 5 7 | 7 IN | SS40083AE | 4-NITROANI | INE | | 100-01-6 | 1800 | 1800 | ug/Kg | U | V |
| 42593 43393 | | 5 FT 5 FT | BH40448AE BH40512AE | 4-NITROANI | | | 100-01-6 | 1800 1800 | | ug/Kg ug/Kg | | v v |
| 43493 | |);FT | BH40322AE | 4-NITROANI | | | 100-01-6 | 1800 | | ug/Kg | | Z |
| 43493 | 0, 5 | 5 FT | IBH40319AE | 4-NITROANI | INE | | 100-01-6 | 1900 | 1900 | ug/Kg | Ū ; | Z |
| 43693 46593 | | 5'FT 7IFT | BH40520AE BH40786AE | 4-NITROANII | | | 100-01-6 | 1800 1600 | | ug/Kg ug/Kg | | v V |
| 46593 | | BIN | ISS40140AE | 4-NITROANII | | | 100-01-6 | 1600 | | ug/Kg | | J |
| 46693 | 0 7 | 7FT | BH40792AE | 4-NITROANI | | | 100-01-6 | 1600 | 1800 | ug/Kg | Ü | V . |
| 46793 46893 | | 6 FT 7 FT | BH40798AE BH40804AE | 4-NITROANII | | | 100-01-6 | 1600 1600 | | ug/Kg | | V V |
| 46993 | | 7]F1 5 FT | BH40810AE | 4-NITROANII | | | 100-01-6 | 1600 | | ug/Kg ug/Kg | | <u>V</u> |
| 46993 | 10, 16 | | SS40144AE | 4-NITROANI | INE | | 100-01-6 | 1600 | 1900 | ug/Kg | U ! | V |
| 47093 48195 | | 7¦FT BIFT | BH40816AE | 4-NITROANII | | | 100-01-6 100-01-6 | 1600 1700 | | ug/Kg ug/Kg | | V Ž |
| 48195 | | ziFT | 1BH00103PE BH00101PE | 4-NITROANII | | | 100-01-6 | 1900 | | ug/Kg | | Z |
| 48195 | 2 4 | 4FT | BH00102PE | 4-NITROANI | INE | | 100-01-6 | 1900 | 1900 | ug/Kg | U | Z |
| 48295 | | 2 FT | BH00104PE | 4-NITROANI | | | 100-01-6 | 1800 | | ug/Kg | | Z |
| 48295 48295 | | 4)FT 5]FT | BH00105PE BH00106PE | 4-NITROANII | | | 100-01-6 | 1900 2000 | | ug/Kg ug/Kg | | Z Z |
| 48395 | 2 4 | 4FT | BH00108PE | 4-NITROANI | | | 100-01-6 | 1700 | | ug/Kg | | Z |
| 48395 | 4 5 | 5FT | BH00109PE | 4-NITROANII | | | 100-01-6 | 1900 | 1900 | ug/Kg | U ; | Z |
| 48395 41593 | | 2)FT 5)FT | BH00107PE BH40419AE | 4-NITROANII | | | 100-01-6 | 2000 2200 | | ug/Kg ug/Kg | | Z V |
| 42193 | | FT | BH40427AE | 4-NITROPHE | | | 100-02-7 | 1800 | 1800 | ug/Kg | ŭ | V |
| 42293 | 1 1 6 | 5 FT | BH40253AE | 4-NITROPHE | NOL | | 100-02-7 | 1900 | 1900 | ug/Kg | U | J |
| 42493 42493 | | 5 FT 7 IN | BH40440AE SS40083AE | 4-NITROPHE | | ······································ | 100-02-7 | 1800 1800 | | ug/Kg ug/Kg | | V V |
| 42593 | | FT | BH40448AE | 4-NITROPHE | | | 100-02-7 | 1800 | | ug/Kg | | v l |
| 43393 | 0 6 | FT | BH40512AE | 4-NITROPHE | | | 100-02-7 | 1800 | 1800 | ug/Kg | U ! | V |
| 43493 | | OFT SFT | BH40322AE BH40319AE | 4-NITROPHE | | | 100-02-7 | 1800 1900 | 1800 | ug/Kg | U I | Z Z |
| 43693 | | 5 FT | BH40520AE | 4-NITROPHE | | | 100-02-7 | 1800 | | ug/Kg ug/Kg | | <u> </u> |
| 46593 | 1 7 | 7FT | IBH40786AE | 4-NITROPHE | NOL | | 100-02-7 | 1600 | 1700 | ug/Kg | U | V |
| 46593 | | BIN | SS40140AE | 4-NITROPHE | | | 100-02-7 | 1600 | | ug/Kg | | J |
| 46693 46793 | | 7¦FT 5[FT | BH40792AE BH40798AE | 4-NITROPHE | | | 100-02-7 | 1600 1600 | | ug/Kg ug/Kg | | V V |
| 46893 | 0, 7 | 7 FT | BH40804AE | 4-NITROPHE | NOL | | 100-02-7 | 1600 | | ug/Kg | | v |
| 46993 | | FT | BH40810AE | 4-NITROPHE | | | 100-02-7 | 1600 | | ug/Kg | | V |
| 46993 47093 | | 5)IN 7.FT | SS40144AE BH40816AE | 4-NITROPHE | | | 100-02-7 | 1600 1600 | | ug/Kg ug/Kg | | v |
| 48195 | | BIFT | BH00103PE | 4-NITROPHE | | | 100-02-7 | 1700 | | ug/Kg | U ; | Z |
| 48195 | | 2 FT | BH00101PE | 4-NITROPHE | | | 100-02-7 | 1900 | 1900 | ug/Kg | U | Z |
| 48195 48295 | | ⊈FT 2FT | BH00102PE BH00104PE | 4-NITROPHE 4-NITROPHE | | | 100-02-7 | 2000 1800 | 2000 | ug/Kg ug/Kg | <u>U </u> | Z Z |
| 48295 | | FT | BH00105PE | 4-NITROPHE | | | 100-02-7 | 1900 | | ug/Kg | | Z |
| 48295 | | FT | BH00106PE | 4-NITROPHE | | *************************************** | 100-02-7 | 2000 | 2000 | ug/Kg | U j | Z |
| 48395 48395 | | 4)FT 5 FT | BH00108PE BH00109PE | 4-NITROPHE | | | 100-02-7 | 1700 1900 | | ug/Kg ug/Kg | | Z |
| 48395 | | 2 FT | BH00107PE | 4-NITROPHE | | | 100-02-7 | 2000 | | ug/Kg | | Z |
| 48195 | | FT | BH00103PE | IACENAPHTH | | | 83-32-9 | 660 | 660, | ug/Kg | Ü | Z |
| 48195 48195 | | 2 FT 4 FT | BH00101PE BH00102PE | ACENAPHTH | | | 83-32-9 83-32-9 | 760 790 | | ug/Kg ug/Kg | | Z Z |
| 48295 | | | BH00105PE | ACENAPHTH | | | 83-32-9 | 770 | | ug/Kg i | | Z |
| 48295 | 0 2 | 2 FT | BH00104PE | ACENAPHTH | ENE | | 83-32-9 | 740 | | ug/Kg | U i | Z |
| 48295 48395 | | | BH00106PE | ACENAPHTH | | | 83-32-9 | 790 | | ug/Kg | | Z |
| 48395 | | | (BH00107PE (BH00108PE | ACENAPHTH ACENAPHTH | | | 83-32-9 83-32-9 | 810 660 | | ug/Kg ug/Kg | | Z |
| 48395 | 4 5 | 5FT | BH00109PE | ACENAPHTH | IENE | | 83-32-9 | 750 | 750 | ug/Kg | U ; | Z |
| 41593 | | | BH40419AE | ACENAPHTH | | | 208-96-8 | 440 | 440 | ug/Kg | U í | V |
| 42193 42293 | | SFT SFT | BH40427AE BH40253AE | ACENAPHTH ACENAPHTH | | | 208-96-8 208-96-8 | 360 390 | | ug/Kg ug/Kg | <u> </u> | V I |
| 42493 | | 7/IN | SS40083AE | ACENAPHTH | | | 208-96-8 | 350 | 350 | ug/Kg | U | v |
| 42493 | |)FT | BH40440AE | ACENAPHTH | | | 208-96-8 | 360 | | ug/Kg | U | V |
| 42593 43393 | | SFT | BH40448AE BH40512AE | ACENAPHTH | | | 208-96-8 208-96-8 | 360 360 | | ug/Kg ug/Kg | | v |
| 43493 | 5 10 | FT | BH40322AE | ACENAPHTE | | | 208-96-8 | 370 | 370 | ug/Kg | U | Z |
| 43493 | | | BH40319AE | ACENAPHTH | | | 208-96-8 | 380 | 380 | ug/Kg | U | Z |
| 43693 ⁻ 46593 | | | BH40520AE BH40786AE | ACENAPHTH | | | 208-96-8 208-96-8 | 360 330 | | ug/Kg ug/Kg | U i | v V |
| 46593 | 7 8 | IN | SS40140AE | ACENAPHTH | YLENE | | 208-96-8 | 330 | 390 | ug/Kg | U | J |
| 46693 | 0 7 | | BH40792AE | ACENAPHTH | YLENE | | 208-96-8 | 330 | 380 | ug/Kg [| U f | V 1 |
| 46793 46893 | | SFT 7FT | BH40798AE BH40804AE | ACENAPHTH | | | 208-96-8 208-96-8 | 330 330 | | ug/Kg ug/Kg | | v v |
| 46993 | | FT | BH40810AE | ACENAPHTH | | | 208-96-8 | 330 | | ug/Kg | | V |
| 46993 | 10 16 | iN | S\$40144AE | ACENAPHTH | YLENE | | 208-96-8 | 330 | 380 | ug/Kg ! | U : | V |
| 47093 48195 | | rift Sift | BH40816AE | ACENAPHTH | | | 208-96-8 | 330 | | ug/Kg | | v |
| 48195 48195 | | | BH00103PE BH00101PE | ACENAPHTH | | | 208-96-8 208-96-8 | 660 760 | | ug/Kg ug/Kg | | Z Z |
| 48195 | 2 4 | FT | BH00102PE | ACENAPHTH | YLENE | | 208-96-8 | . 790 | 790 | ug/Kg | U I | Z |
| 48295 | | | BH00104PE | ACENAPHTH | | | 208-96-8 | 740, | 740 | ug/Kg | U į | Z |
| 48295 | 2 4 | IFT | BH00105PE | ACENAPHTH | YLENE | i | 208-96-8 | 770 | 770 | ug/Kg | U . | Z |

| LOCATION | DEPTH DEPTH | | Table A.7 Solar Evapo | eration Ponds AOC - Analytical Results for Su | beurface Soils Less Ti | DETECTION | | LAB RESULT | VALIDATION |
|--------------------|---------------------------------------|----------|-------------------------|---|------------------------|---------------|-----------------------------|------------|------------|
| CODE | START END | . CODE | SAMPLE NUMBER | Analyte | CAS NO | | | QUALIFIER | QUALIFIER |
| 48295 | | FT | BH00106PE | ACENAPHTHYLENE | 208-96-8 | 790 | | | Z |
| 48395 48395 | | FT FT | BH00108PE BH00109PE | ACENAPHTHYLENE | 208-96-8 | 660 750 | | | Z |
| 48395 | | | BH00107PE | ACENAPHTHYLENE | 208-96-8 | 810 | | | Z |
| 41593 | | FT | BH40419AE | ACENAPTHENE | 83-32-9 | 440 | | | V |
| 42193 | | FT | BH40427AE | ACENAPTHENE | 83-32-9 | 360 | | | IV. |
| 42293 42493 | | FT IN | BH40253AE SS40083AE | ACENAPTHENE | 83-32-9 | 1 390, 350 | 390 ug/Kg 350 ug/Kg | <u>U</u> | IJ |
| 42493 | | FT | BH40440AE | ACENAPTHENE ACENAPTHENE | 83-32-9 83-32-9 | 360 | | | V V |
| 42593 | | FT | BH40448AE | ACENAPTHENE | 83-32-9 | 360 | | | V |
| 43393 | 0) 5 | | BH40512AE | ACENAPTHENE | 83-32-9 | 360 | 360 ug/Kg | U | V |
| 43493 43493 | 5 10 0 5 | FT FT | BH40322AE | ACENAPTHENE | 83-32-9 | 370 | | | Z |
| 43693 | | FT | BH40319AE BH40520AE | IACENAPTHENE | 83-32-9 83-32-9 | 380 | 380 ug/Kg 360 ug/Kg | | Z V |
| 46593 | | | BH40786AE | ACENAPTHENE | 83-32-9 | 330 | 360 ug/Kg | | v - |
| 46593 | | IN | SS40140AE | ACENAPTHENE | 83-32-9 | 330 | 390 ug/Kg | U | J |
| 46693 46793 | | | BH40792AE BH40798AE | ACENAPTHENE | 83-32-9 83-32-9 | 330 330 | 380 ug/Kg 370 ug/Kg | <u>u</u> | V |
| 46893 | | FT | BH40804AE | ACENAPTHENE | 83-32-9 | 330 | 370 ug/Kg | U | V V |
| 46993 | | | BH40810AE | ACENAPTHENE | 83-32-9 | 330 | 350 ug/Kg | | V |
| 46993 | 10, 16 | | SS40144AE | ACENAPTHENE | 83-32-9 | 330 | 380 ug/Kg | Ū | V |
| 47093 | | | BH40816AE | ACETONE | 83-32-9 | 330 | | | V |
| 40093 | | | BH40168AE BH40169AE | ACETONE | 67-64-1 67-64-1 | 11 | | | V |
| 40393 | | | BH40124AE | ACETONE | 67-64-1 | 12 | | | V I |
| 40693 | 1 2 | FT | BH40151AE | ACETONE | 67-64-1 | 13 | 13 ug/Kg | U | J |
| 40793 | | | BH40159AE | ACETONE | 67-64-1 | 12 | | | J |
| 40793 | | | BH40158AE BH40032AE | ACETONE | 67-64-1 67-64-1 | 64 | 64¦ug/Kg | U II | V I |
| 40893 | | | BH40031AE | ACETONE | 67-64-1 | 10 | 21(ug/Kg 220(ug/Kg | Ū | J J |
| 40993 | 5 6 | FT | BH40203AE | ACETONE | 67-64-1 | 11 | 13 ug/Kg | | V |
| 40993 | | | BH40202AE | ACETONE | 67-64-1 | 11 | 15 ug/Kg | | V I |
| 41193 - | | | BH40050AE BH40197AE | ACETONE | 67-64-1 67-64-1 | 12 | 12 ug/Kg | | <u>V</u> |
| 41593 | | | BH40211AE | ACETONE | 67-64-1 | 56 | 56 ug/Kg 16 ug/Kg | |) J |
| 41693 | | | BH40218AE | ACETONE | 67-64-1 | 10 | 18 ug/Kg | U | J |
| 41793 | | FT | BH40244AE | ACETONE | 67-64-1 | 10, | 10 ug/Kg | U | J |
| 41793 41993 | | FT FT | BH40245AE BH40063AE | ACETONE IACETONE | 67-64-1 | 11! | | | V |
| 41993 | 5 5 | | BH40064AE | ACETONE | 67-64-1 67-64-1 | 11 | 11 ug/Kg 11 ug/Kg | | V |
| 42093 | | FT | BH40484AE | ACETONE | 67-64-1 | 57 | | | Ä |
| 42193 | 1 2 | | BH40436AE | ACETONE | 67-64-1 | 24 | 24 ug/Kg | U | V |
| 42293 42493 | | FT. | BH40254AE BH40284AE | ACETONE | 67-64-1 | 11 | 17 ug/Kg | | J |
| 42493 | | | BH40283AE | ACETONE | 67-64-1 67-64-1 | 11 | 24 ug/Kg 50 ug/Kg | | J J |
| 42593 | | | BH40292AE | ACETONE | 67-64-1 | 11 | | В | v |
| 42993 | | | BH40145AE | ACETONE | 67-64-1 | 12 | 12 ug/Kg | U | V |
| 43193 43393 | 2 2 5 6 | | BH40307AE BH40326AE | ACETONE | 67-64-1 | 21 | 25 ug/Kg | | i i |
| 43393 | | FT | BH40325AE | ACETONE | 67-64-1 67-64-1 | 13 | 13 ug/Kg 15 ug/Kg | | 7 |
| 43493 | 2 2 | | BH40320AE | ACETONE | 67-64-1 | 12 | 12 ug/Kg | | v |
| 43493 | | | BH40321AE | ACETONE | 67-64-1 | 12 | 110lug/Kg | | V |
| 43693 43793 | 3, 3 | | BH40341AE | ACETONE | 67-64-1 | 11 | 22 ug/Kg | | <u>.</u> |
| 43793 | 1 11 5 6 | | BH40333AE BH40334AE | ACETONE ACETONE | :67-64-1 67-64-1 | 11 | 11 ug/Kg 17 ug/Kg | | J J |
| 43893 | | FT | BH40071AE | ACETONE | 67-64-1 | 12 | 23 ug/Kg | | J |
| 43993 | 5 5 | | BH40355AE | ACETONE | 67-64-1 | 11 | 14 ug/Kg | | v · |
| 43993 44093 | 1 1 2 | | BH40354AE BH40349AE | ACETONE ACETONE | 67-64-1 | 11 | 72 ug/Kg | | <u>v</u> |
| 44393 | 5 6 | | BH40035AE | ACETONE | 67-64-1 67-64-1 | 23 25 | 15 ug/Kg . 25 ug/Kg | | A V |
| 44393 | 1 1 | FT | BH40034AE | ACETONE | 67-64-1 | 57 | 57 ug/Kg | U | V |
| 45693 | 5 6j | | BH40376AE | ACETONE | 67-64-1 | 12 | 12 ug/Kg | U j | V |
| 45693 45793 | 1 1 5 6 | | BH40375AE BH40560AE | ACETONE ACETONE | 67-64-1 | 13 | 13 ug/Kg 22 ug/Kg | U | V |
| 45893 | 2 2 | | BH40378AE | ACETONE | 67-64-1 67-64-1 | 11 | 22(ug/Kg)17(ug/Kg)1 | | J J |
| 45893 i | 5 5 | | BH40379AE | ACETONE | 67-64-1 | 12 | 60 ug/Kg | | v |
| 46193 | 0, 1,1 | FT I | BH40386AE | ACETONE | 67-64-1 | 60 | 60 ug/Kg | U j | V |
| 46293 46693 | 2 3 | | BH40566AE | ACETONE | 67-64-1 | 13 | 21 ug/Kg | | v i |
| 46893 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | BH40716AE BH40744AE | ACETONE ACETONE | 67-64-1 67-64-1 | 10 | 65 ug/Kg 37 ug/Kg | | J |
| 48195 | 2 4 | | BH00102PE | ACETONE | 67-64-1 | 10 | 1 ug/Kg | J | Z |
| 48195 | 4 6 | FT | | ACETONE | 67-64-1 | 10. | 3 ug/Kg i | J į | Z |
| 48195 48295 | 0; 2 1 0; 2 1 | | | ACETONE ACETONE | 67-64-1 | 10 | 10)ug/Kg | | Z |
| 48295 | 4 6 | | | ACETONE | 67-64-1 67-64-1 | 10 10 | 1 ug/Kg . 2 ug/Kg . | | Z |
| 48295 | 2 41 | FT | | ACETONE | 67-64-1 | 10 | 3 ug/Kg 1. | | Z |
| 48395 | 4 5 | FT | BH00109PE | ACETONE | 67-64-1 | 10 | 7 ug/Kg . | J | Z |
| 48395 | 0, 2(1 | | | ACETONE | 67-64-1 | 10 | 14 ug/Kg | | Z |
| P208989 P209189 | 5 7(1 0 1)1 | | | ACETONE ACETONE | 67-64-1 67-64-1 | 12 12 | 6 ug/Kg . 22 ug/Kg l | | A |
| P209189 | 4 6 | | | ACETONE | 67-64-1 | 12 | 30 ug/Kg I | 3 | A |
| P209489 | 0 1(1 | FT | SEP2289BR0002 | ACETONE | 67-64-1 | 11 | 2 ug/Kg | | A |
| P209889 | 0 21 | | | ACETONE | 67-64-1 | 12 | 12 ug/Kg | | V |
| P209889 P210189 | 4 6 F | | | ACETONE | 67-64-1 | 1200 | 12 ug/Kg [l | | V |
| FZ10108 | 0 2 | - 1 | JEF30095KUUU2 | ACETONE | 67-64-1 | 1300 | 640 ug/Kg | ים פו | A |



| LOCATIONIC | DEPTH DEPTH - UNIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soits Loss Th | an 6 Feet - Orga DETECTION | | TIAN DESIRE | VALIDATION |
|---|--|--|---|--|--|--|---|--|
| | START SEND CODE | SAMPLE NUMBER | | CAS NO | | | TS QUALIFIER | |
| P210189 | 5 7 FT | | ACETONE | 67-64-1 | 1400 | 800 ug/l | (g JB | A |
| P210289 | 0 2 FT | ISEP3189BR0002 | ACETONE | 67-64-1 | 12 | 4 ug/l | | Α . |
| P210289 SP0387 | 4 5 FT 2 4 FT | | ACETONE ACETONE | 67-64-1 67-64-1 | 12 | 12 ug/l 50 ug/l | | lv |
| 41593 | 4 6/FT | | ALDRIN | 309-00-2 | 11 | 11 ug/l | | lv |
| 42193 | 0, 5 FT | BH40427AE | ALDRIN | 309-00-2 | 8.7 | 8.7(ug/l | ⟨g U | ĺ |
| 42293 | 1; 6 FT | | ALDRIN | 309-00-2 | 9.3 | 9.3 ug/l | | !V |
| 42493 43393 | 0 5 FT 0 5 FT | | ALDRIN ALDRIN | 309-00-2 | 8.6 | 8.6 ug/l | | V |
| 43493 | 5 10 FT | | ALDRIN | 309-00-2 | 8.6) 8.9) | 8.6¦ug/l 8.9 ug/l | | IV IV |
| 43493 | 0 5 FT | | ALDRIN | 309-00-2 | 9.2 | 9.2 ug/l | | iv |
| 43693 | 0 5 FT | | ALDRIN | 309-00-2 | 8.6 | 8.6 ug/l | | IV |
| 46593 | 1 7 FT | | ALDRIN | 309-00-2 | 8. | 8.7 ug/l | | IV |
| 46593 46693 | 7 8 IN 0 7 FT | | ALDRIN ALDRIN | 309-00-2 | 8 8 | 9.3 ug/l | | IJ IV |
| 46793 | 0 6 FT | | ALDRIN | 309-00-2 | 8 | 9.4 ug/l 9.1 ug/l | | IV |
| 46893 | 0, 7/FT | | ALDRIN | 309-00-2 | 8; | 9 ug/l | | iv |
| 46993 | 1! 5 FT | | ALDRIN | 309-00-2 | 8 | 8.6 ug/l | (g U | V |
| 46993 | 10 16 IN | | ALDRIN | 309-00-2 | 8 | 9.2 ug/l | | ĮV |
| 47093 SP0387 | 1 7/FT 2 4/FT | | ALDRIN ALDRIN | 309-00-2 | 8: 2: | 8.6 ug/h | | IV . |
| 41593 | 4, 6FT | | ALPHA-BHC | 319-84-6 | 11 | 2 ug/l 11 ug/l | | V |
| 42193 | 0 5FT | | ALPHA-BHC | 319-84-6 | 8.7 | 8.7 ug/h | | l v |
| 42293 | 1 6 FT | BH40253AE | ALPHA-BHC | 319-84-6 | 9.3 | 9.3 ug/i | (g U | [V |
| 42493 | 0 5 FT | | ALPHA-BHC | 319-84-6 | 8.6 | 8.6 ug/h | | įV |
| 43393 43493 | 0, 5 FT 5 10 FT | | ALPHA-BHC | 319-84-6 | 8.6 | 8.6 ug/h | | V |
| 43493 | 0 5 FT | | ALPHA-BHC ALPHA-BHC | 319-84-6 319-84-6 | 8.9, 9.2 | 8.9 ug/l 9.2 ug/l | | IV IV |
| 43693 | 0 5FT | | ALPHA-BHC | 319-84-6 | 8.6 | 9.2/ug/r 8.6/ug/k | | V |
| 46593 | 1 7 FT | BH40786AE | ALPHA-BHC | 319-84-6 | B; | 8.7 ug/l | | iv |
| 46593 | 7 8 IN | | ALPHA-BHC | 319-84-6 | 8 | 9,3 ug/k | (g U | J |
| 46693 | 0 7FT | | ALPHA-BHC | 319-84-6 | 8 | 9.4 ug/k | | IV |
| 46793 46893 | 0 6 FT 0 7 FT | | | 319-84-6 | 8 | 9.1jug/h | | IV. |
| 46993 | 1 5FT | | | 319-84-6 319-84-6 | 8 | 9 ug/l 8.6 ug/k | | V V |
| 46993 | 10, 16 IN | | | 319-84-6 | 8 | 9.2 ug/h | | iv - |
| 47093 | 1 7/FT | | ALPHA-BHC | 319-84-6 | 8 | 8.6 ug/k | | İV |
| SP0387 | 2 4 FT | | | 319-84-6 | 2 | 2 ug/r | | |
| 41593 42193 | 4 6 FT 0 5 FT | | ALPHA-CHLORDANE | 5103-71-9 | 110 | 110 ug/r | | IV |
| 42293 | 1 6FT | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 87 93 | 87 ug/k 93 ug/k | | IV IV |
| 42493 | 0 5FT | | ALPHA-CHLORDANE | 5103-71-9 | 86 | 86 ug/h | | lv |
| 43393 | 0 5FT | | | 5103-71-9 | 86 | 86 ug/k | (g U | ĺv |
| 43493 | 5 10 FT | | | 5103-71-9 | 89 | 89 ug/r | | V |
| 43493 | 0 5 FT | | | 5103-71-9 | 92 | 92 ug/H | | V |
| 43693 46593 | 0) 5 FT 1 7 FT | | | 5103-71-9 | 86 80 | 86;ug/k | | IV V |
| 46593 | 7 ₁ 8 IN | | | 5103-71-9 | 80 | 87 ug/k 93 ug/k | | J |
| 46693 | 0 7 FT | | | 5103-71-9 | 80 | 94 ug/k | | íV |
| 46793 | 0, 6,FT | | | 5103-71-9 | 80 | 91 ug/H | | V |
| 46893 | 0 7 FT | | | 5103-71-9 | 80 | 90 ug/k | | IV |
| 46993 46993 | 1 5 FT 10 16 IN | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 | 80, | 86 ug/k | | V . |
| 47093 | 1 7FT | | | 5103-71-9 5103-71-9 | 80 80 | 92 ug/H 86 ug/H | | V |
| 41593 | 4 6FT | | ANTHRACENE | 120-12-7 | 440 | 440 ug/k | | V |
| 42193 | 0. 5FT | BH40427AE | ANTHRACENE | 120-12-7 | 360 | 360 ug/k | (g U | V |
| 42293 | 1 6FT | | | 120-12-7 | 390, | 390 ug/k | | J · |
| 42493 42493 | 5 7 IN 0 5 FT | | ANTHRACENE ANTHRACENE | 120-12-7 | 350 360 | 350 ug/K 360 ug/K | | IV |
| 42593 | 0, 5FT | | | 120-12-7 | 360 | 360 ug/K | | V |
| 43393 | 0 5 FT | | | 120-12-7 | 360; | 360;ug/K | (g U | V |
| 43493 | 5 10 FT | BH40322AE | ANTHRACENE | 120-12-7 | 370 | 370 ug/K | ģU | Z |
| 43493 | 0) 5;FT | | | 120-12-7 | 380 | 380.ug/K | g IU | Z |
| 43693 46593 | 0 5 FT 1 7 FT | | | 120-12-7 | 360 | 360 ug/K | | IV |
| 46593 46593 | 7 8IN | | | 120-12-7 120-12-7 | 330 330 | 360/ug/K 390/ug/K | | V |
| 46693 | 0 7/FT | | | 120-12-7 | 330 | 380;ug/K | | J V |
| 46793 | 0 6 FT | BH40798AE | ANTHRACENE | 120-12-7 | 330 | 370 ug/k | g U | lv |
| 46893 | 0 7 FT | | | 120-12-7 | 330 | 370 ug/K | | V |
| | | | | 120-12-7 | 330 | 350 ug/K | | !V |
| 46993 | 1 5FT | 100404445 | uni medal india | 120-12-7 | 330, | 380 ug/K | g IU | V |
| 46993 | 10 16 IN | | | | 330 | 350 | o ili | |
| | 10 16 IN 1 7 FT | BH40816AE | ANTHRACENE | 120-12-7 | 330 660 | 350 ug/K | | |
| 46993 47093 48195 48195 | 10 16 IN 1 7 FT | BH40816AE BH00103PE | ANTHRACENE ANTHRACENE | | 330 660 760 | 350 ug/k 660 ug/k 760 ug/k | g IU g IU | Z |
| 46993 47093 48195 48195 48195 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 2 4 FT | BH40816AE BH00103PE BH00101PE BH00102PE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 120-12-7 120-12-7 | 660 760 790 | 350 ug/k 660 ug/k 760 ug/k 790 ug/k | g (U g (U g (U | Z Z Z |
| 46993 47093 48195 48195 48195 48295 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 2 4 FT 0 2 FT | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 660, 760 790, 740, | 350 ug/k 660 ug/k 760 ug/k 790 ug/k 740 ug/k | g U g U g U g U | Z Z Z |
| 46993 47093 48195 48195 48195 48295 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 0 2 FT 2 4 FT 2 4 FT 2 4 FT 2 4 FT | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE BH00105PE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 760 760 790 740 770 | 350 ug/k 660 ug/k 760 ug/k 790 ug/k 740 ug/k 770 ug/k | g U g U g U g U g U | Z Z Z Z |
| 46993 47093 48195 48195 48195 48295 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 2 4 FT 0 2 FT 2 4 FT 4 6 FT | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE BH00105PE BH00106PE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 660, 760, 790, 740, 770, 790 | 350 ug/k 660 ug/k 760 ug/k 790 ug/k 740 ug/k 770 ug/k 790 ug/k | g (U g (U g (U g (U a (U | Z Z Z Z Z |
| 46993 47093 48195 48195 48195 48295 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 0 2 FT 2 4 FT 2 4 FT 2 4 FT 2 4 FT | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE BH00105PE BH | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 660, 760 790, 740, 770, 790, 660, | 350 ug/k 660 ug/k 760 ug/k 790 ug/k 740 ug/k 770 ug/k 790 ug/k 660 ug/k | g U g U g U g U g U g U | Z Z Z Z Z Z Z |
| 46993 47093 48195 48195 48195 48295 48295 48295 48295 48395 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 2 4 FT 0 2 FT 2 4 FT 4 6 FT 2 4 FT | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE BH00105PE BH00106PE BH00108PE BH00109PE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 660, 760, 790, 740, 770, 790 | 350 ug/k 660 ug/k 760 ug/k 790 ug/k 740 ug/k 770 ug/k 790 ug/k | 9 U 9 U 9 U 9 U 9 U 9 U 9 U | Z Z Z Z Z |
| 46993 47093 48195 48195 48195 48295 48295 48295 48295 48395 48395 48395 48395 445905 445905 | 10 16 N 1 7 FT 4 6 FT 2 4 FT 2 4 FT 4 5 FT 2 4 FT 4 5 FT 4 6 FT 4 6 FT 4 6 FT 6 6 | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE BH00105PE BH00105PE BH00108PE BH00109PE BH00109PE BH00109PE BH00109PE BH00109PE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE AROCLOR-1018 | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 660, 760, 790, 740, 770, 790, 660, 750, 810, | 350 ug/K 660 ug/K 760 ug/K 790 ug/K 740 ug/K 770 ug/K 790 ug/K 660 ug/K 750 ug/K 810 ug/K | 9 (U 9 U 9 U 9 U 9 U 9 U 9 U 9 U | Z Z Z Z Z Z Z Z Z Z |
| 46993 47093 48195 48195 48195 48295 48295 48295 48295 48395 | 10 16 IN 1 7 FT 4 6 FT 0 2 FT 2 4 FT 0 2 FT 2 4 FT 4 6 FT 2 4 FT 4 5 FT 0 2 FT 4 6 FT 0 5 FT | BH40816AE BH00103PE BH00101PE BH00102PE BH00104PE BH00105PE BH00108PE BH00108PE BH00109PE BH00109PE BH00107PE BH40419AE BH40427AE | ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE ANTHRACENE AROCLOR-1016 AROCLOR-1016 | 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 120-12-7 | 660, 760, 790, 740, 770, 790, 660, 750, 810, | 350 ug/k 660 ug/k 760 ug/k 790 ug/k 740 ug/k 770 ug/k 790 ug/k 660 ug/k 750 ug/k 810 ug/k | 9 (U 9 (U 9 (U 9 (U 9 (U 9 (U 9 (U 9 (U | Z Z Z Z Z Z Z Z Z Z |



| LOCATION | DEPTH DEPTH | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurfa | | on 6 Feet - Org | anics | LAB RESULT | VALIDATION |
|-----------------|-------------|-------------|-------------------------|--|--------------------------|-----------------|------------------------------|--|------------|
| CODE | START END | | | | CASINO | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER |
| 43393 | | FT | | AROCLOR-1016 | 12674-11-2 | 86 | 86 ug/Kg | U | V |
| 43493 | | FT | BH40322AE | AROCLOR-1016 | 12674-11-2 | 89 | 89 ug/Kg | | V |
| 43493 43693 | | FT | BH40319AE BH40520AE | AROCLOR-1016 AROCLOR-1016 | 12674-11-2 | 92 86 | 92 ug/Kg 86 ug/Kg | <u>U</u> | IV IV |
| 46593 | | FT | BH40786AE | AROCLOR-1016 | 12674-11-2 | 80 | 87 ug/Kg | <u> </u> | v |
| 46593 | | IN | SS40140AE | AROCLOR-1016 | 12674-11-2 | 80 | 93 ug/Kg | U | J |
| 46693 | | IFT | BH40792AE | AROCLOR-1016 | 12674-11-2 | 80 | 94 ug/Kg | | IV. |
| 46793 46893 | | IFT IFT | BH40798AE | AROCLOR-1016 | 12674-11-2 | 80 80 | 91jug/Kg | | V |
| 46993 | | FI | BH40804AE BH40810AE | AROCLOR-1016 AROCLOR-1016 | 12674-11-2 | 80 | 90 ug/Kg 86 ug/Kg | ······································ | IV |
| 46993 | | IN | SS40144AE | AROCLOR-1016 | 12674-11-2 | 80 | 92 ug/Kg | | v |
| 47093 | | 'FT | BH40816AE | AROCLOR-1016 | 12674-11-2 | 80 | 86 ug/Kg | | Į V |
| SP0387 | | FT | SP038702DH | AROCLOR-1016 | 12674-11-2 | 20 | 20 ug/Kg | | <u> </u> |
| 41593 42193 | | FT FT | BH40419AE BH40427AE | AROCLOR-1221 AROCLOR-1221 | 11104-28-2 | 110) 87 | 110 ug/Kg 87 ug/Kg | | V |
| 42293 | | FT | IBH40253AE | AROCLOR-1221 | 11104-28-2 | 93 | 93jug/Kg | | i V |
| 42493 | | FT | BH40440AE | AROCLOR-1221 | 11104-28-2 | 86 | 86 ug/Kg | | V |
| 43393 | | FT | BH40512AE | AROCLOR-1221 | 11104-28-2 | 86 | 86 ug/Kg | | V |
| 43493 | |)FT | BH40322AE | AROCLOR-1221 | 11104-28-2 | 89 | 89 ug/Kg | | !V |
| 43493 43693 | | FT | BH40319AE BH40520AE | AROCLOR-1221 AROCLOR-1221 | 11104-28-2 | 92 86 | 92(ug/Kg 1 86 ug/Kg | | V |
| 46593 | | FT | BH40786AE | AROCLOR-1221 | 11104-28-2 | 80 | 87 ug/Kg | U | V |
| 46593 | | IN | SS40140AE | AROCLOR-1221 | 11104-28-2 | 80 | 93 ug/Kg | <u> </u> | J |
| 46693 | 0 7 | 'IFT | 8H40792AE | AROCLOR-1221 | 11104-28-2 | 80 | 94 ug/Kg | U | V |
| 46793 | | FT | BH40798AE | AROCLOR-1221 | 11104-28-2 | 80) | 91 ug/Kg | | V |
| 46893 | | YFT | BH40804AE | AROCLOR-1221 | 11104-28-2 | 80 | 90 ug/Kg | | V |
| 46993 46993 | | S FT S N | BH40810AE SS40144AE | AROCLOR-1221 AROCLOR-1221 | 11104-28-2 | 80 80 | 86 ug/Kg 92 ug/Kg | | V |
| 47093 | | FT | BH40816AE | AROCLOR-1221 | 11104-28-2 | 80 | 86 ug/Kg | | V |
| SP0387 | | FT | SP038702DH | AROCLOR-1221 | 11104-28-2 | 20 | 20 ug/Kg | Ü | |
| 41593 | | FT | BH40419AE | AROCLOR-1232 | 11141-16-5 | 110 | 110 ug/Kg | | V |
| 42193 | | FT | BH40427AE | AROCLOR-1232 | 11141-16-5 | 87 | 87/ug/Kg | | V |
| 42293 42493 | | FT FT | BH40253AE BH40440AE | AROCLOR-1232 AROCLOR-1232 | 11141-16-5 | 93 86 | 93)ug/Kg 1 86 ug/Kg 1 | | V V |
| 43393 | | FT | BH40512AE | AROCLOR-1232 | 11141-16-5 | 86 | 86 ug/Kg | | V |
| 43493 | | FT | BH40322AE | AROCLOR-1232 | 11141-16-5 | 89 | 89 ug/Kg | | V |
| 43493 | Ο ε | FT | BH40319AE | AROCLOR-1232 | 11141-16-5 | 92 | 92 ug/Kg | Ú | V |
| 43693 | | FT | BH40520AE | AROCLOR-1232 | 11141-16-5 | 86 | 86 ug/Kg | | V |
| 46593 | | FT | BH40786AE | AROCLOR-1232 | 11141-16-5 | 80) 80 | 87 ug/Kg | | V |
| 46593 46693 | | FT | SS40140AE BH40792AE | AROCLOR-1232 AROCLOR-1232 | 11141-16-5 | 80 | 93 ug/Kg 94 ug/Kg | | J IV |
| 46793 | | FT | BH40798AE | AROCLOR-1232 | 11141-16-5 | 80 | 91 ug/Kg | | v |
| 46893 | | FT | BH40804AE | AROCLOR-1232 | 11141-16-5 | 80 | 90 ug/Kg | Ú | (V |
| 46993 | | FT | BH40810AE | AROCLOR-1232 | 11141-16-5 | 80 | 86 ug/Kg | | V |
| 46993 | | IN | SS40144AE | AROCLOR-1232 | 11141-16-5 | 80 | 92 ug/Kg | | IV IV |
| 47093 SP0387 | | ift ift | BH40816AE SP038702DH | AROCLOR-1232 AROCLOR-1232 | 11141-16-5 | 80 20 | 86 ug/Kg 20 ug/Kg | | <u> v</u> |
| 41593 | | FT | BH40419AE | AROCLOR-1242 | 53469-21-9 | 110 | 110 ug/Kg | <u> </u> | v |
| 42193 | | FT | BH40427AE | AROCLOR-1242 | 53469-21-9 | 87 | 87 ug/Kg | Ü | V |
| 42293 | | FT | BH40253AE | AROCLOR-1242 | 53469-21-9 | 93 | 93 ug/Kg | | V |
| 42493 | | FT | BH40440AE | AROCLOR-1242 | 53469-21-9 | 86 | 86 ug/Kg | | IV. |
| 43393 43493 | | FT | BH40512AE BH40322AE | AROCLOR-1242 AROCLOR-1242 | 53469-21-9 53469-21-9 | 86 89 | 86 ug/Kg 89 ug/Kg | | IV IV |
| 43493 | | FT | BH40319AE | AROCLOR-1242 | 53469-21-9 | 92 | 92 ug/Kg | | iv |
| 43693 | | FT | BH40520AE | AROCLOR-1242 | 53469-21-9 | 86 | 86 ug/Kg | | v |
| 46593 | | FT | BH40786AE | AROCLOR-1242 | 53469-21-9 | 80 | 87 ug/Kg | | V |
| 46593 | | IN | SS40140AE | AROCLOR-1242 | 53469-21-9 | 80 | 93 ug/Kg | | J |
| 46693 46793 | | (FT | BH40792AE BH40798AE | AROCLOR-1242 AROCLOR-1242 | 53469-21-9 53469-21-9 | 80 80 | 94jug/Kg 91jug/Kg | | IV IV |
| 46893 | | FT | BH40804AE | AROCLOR-1242 | 53469-21-9 | , 80 | 90 ug/Kg | | V |
| 46993 | | FT | BH40810AE | AROCLOR-1242 | 53469-21-9 | 80 | 86 ug/Kg | U | V |
| 46993 | | IN | SS40144AE | AROCLOR-1242 | 53469-21-9 | 80 | 92 ug/Kg | U | V |
| 47093 650207 | | /FT | BH40816AE | AROCLOR-1242 | 53469-21-9 | 80 | 86 ug/Kg | <u>U</u> | V |
| SP0387 41593 | | FT FT | SP038702DH BH40419AE | AROCLOR-1242 AROCLOR-1248 | 53469-21-9 12672-29-6 | 20 110 | 20 ug/Kg 110 ug/Kg | | V |
| 42193 | | FT | BH40427AE | AROCLOR-1248 | 12672-29-6 | 87 | 87jug/Kg | Ū | V |
| 42293 | | FT | BH40253AE | AROCLOR-1248 | 12672-29-6 | 93 | 93 ug/Kg | U | V |
| 42493 | 0 5 | FT | BH40440AE | AROCLOR-1248 | 12672-29-6 | 86 | 86 ug/Kg | Ū | V |
| 43393 | | FT | BH40512AE | AROCLOR-1248 | 12672-29-6 | 86 | 86 ug/Kg | | V |
| 43493 43493 | |)FT FT | BH40322AE BH40319AE | AROCLOR-1248 AROCLOR-1248 | 12672-29-6 | 89 92 | 89 ug/Kg 92 ug/Kg | | V V |
| 43693 | | FT | BH40520AE | AROCLOR-1248 | 12672-29-6 | 86 | 86 ug/Kg | Ū | V |
| 46593 | | FT | BH40786AE | AROCLOR-1248 | 12672-29-6 | 80, | 87 ug/Kg | Ú | V |
| 46593 | 7 8 | IN | SS40140AE | AROCLOR-1248 | 12672-29-6 | 80 | 93 ug/Kg | U | J |
| 46693 | | 'FT | BH40792AE | AROCLOR-1248 | 12672-29-6 | 80 | 94 ug/Kg | U | IV |
| 46793 46802 | | FT | BH40798AE | AROCLOR-1248 | 12672-29-6 | 80, | 91 ug/Kg 90 ug/Kg | | V V |
| 46893 46993 | | FT | BH40804AE BH40810AE | AROCLOR-1248 AROCLOR-1248 | 12672-29-6 12672-29-6 | 80) 80) | 86 ug/Kg | | V |
| 46993 | | iN | SS40144AE | AROCLOR-1248 | 12672-29-6 | 80 | 92 ug/Kg | Ü | V |
| 47093 | 1 7 | /FT | BH40816AE | AROCLOR-1248 | 12672-29-6 | 80 | 86 ug/Kg | Ū | V |
| SP0387 | | F | SP038702DH | AROCLOR-1248 | 12672-29-6 | 20 | 20 ug/Kg | | |
| 41593 42193 | | FT | BH40419AE BH40427AE | AROCLOR-1254 AROCLOR-1254 | 11097-69-1 | . 210 170 | 210 ug/Kg 170 ug/Kg | | V |
| 42193 42293 | | FT FT | BH40427AE BH40253AE | AROCLOR-1254 AROCLOR-1254 | 11097-69-1 | 170 | 190 ug/Kg | | V |
| 42493 | | FT | BH40440AE | AROCLOR-1254 | 11097-69-1 | 170 | 170 ug/Kg | | v |
| | | | | | | | | | |



| p | | | Table A.7 Solar Evapo | pration Ponds AOC - Analytical Results for Subsurfac | e Soils Less Ti | | | |
|-----------------|----------------|--------------|-------------------------|--|--------------------------|----------------------|--------------------------------|---------------------------------|
| CODE | | DEPTH UNIT | SAMPLE NUMBER | Analyte | CAS NO | DETECTION LIMIT R | ESULT UNITS | LAB RESULT VALIDATION QUALIFIER |
| 43393 | C | 5 FT . | BH40512AE | AROCLOR-1254 | 11097-69-1 | 170 | 170 ug/Kg | U V |
| 43493 | 5 | | BH40319AE BH40322AE | AROCLOR-1254 AROCLOR-1254 | 11097-69-1 | 180 180 | 180 ug/Kg 180 ug/Kg | |
| 43693 | | | BH40520AE | AROCLOR-1254 | 11097-69-1 | 170 | 170 ug/Kg | U IV |
| 46593 46593 | 7 | | BH40786AE SS40140AE | AROCLOR-1254 AROCLOR-1254 | 11097-69-1 11097-69-1 | 160 | 170 ug/Kg 190 ug/Kg | |
| 46693 | C | 7,FT | BH40792AE | AROCLOR-1254 | 11097-69-1 | 160 | 190 ug/Kg | U ĮV |
| 46793 46893 | 0 | | BH40798AE BH40804AE | AROCLOR-1254 AROCLOR-1254 | 11097-69-1 | 160 160 | 180 ug/Kg 180 ug/Kg | |
| 46993 | 1 | 5FT | BH40810AE | IAROCLOR-1254 | 11097-69-1 | 160 | 170 ug/Kg | U IV |
| 46993 | 10 | | SS40144AE BH40816AE | AROCLOR-1254 AROCLOR-1254 | 11097-69-1 | 160 160 | 180 ug/Kg 170 ug/Kg | |
| SP0387 | 2 | 4 FT | SP038702DH | AROCLOR-1254 | 11097-69-1 | 40 | 40 ug/Kg | J ! |
| 41593 42193 | 4 | | BH40419AE BH40427AE | AROCLOR-1260 AROCLOR-1260 | 11096-82-5 11096-82-5 | 210 170 | 210 ug/Kg 170 ug/Kg | |
| 42293 | 1 | 6FT | BH40253AE | AROCLOR-1260 | 11096-82-5 | 190 | 190 ug/Kg | J V |
| 42493 43393 | i 0 | | BH40440AE BH40512AE | AROCLOR-1260 AROCLOR-1260 | 11096-82-5 | 170 170 | 170 ug/Kg 170 ug/Kg | |
| 43493 | 0 | 5FT | BH40319AE | AROCLOR-1260 | 11096-82-5 | 180 | 180/ug/Kg | J [V |
| 43493 | 5 | | BH40322AE BH40520AE | AROCLOR-1260 AROCLOR-1260 | 11096-82-5 | 180 170 | 180 ug/Kg 170 ug/Kg | |
| 46593 | 1 | 7 FT | BH40786AE | AROCLOR-1260 | 11096-82-5 | 160 | 170 ug/Kg | |
| 46593 46693 | 7 | | SS40140AE BH40792AE | AROCLOR-1260 AROCLOR-1260 | 11096-82-5 | 160 | 190 ug/Kg | J J |
| 46793 | 0 | 6FT | BH40798AE | AROCLOR-1260 | 11096-82-5 | 160 160 | 190 ug/Kg 180 ug/Kg | |
| 46893 46993 | 0 | | BH40804AE BH40810AE | AROCLOR-1260 | 11096-82-5 | 160 | 180 ug/Kg l | J V |
| 46993 | 10 | | SS40144AE | AROCLOR-1260 AROCLOR-1260 | 11096-82-5 | 160 160 | 170 ug/Kg I 180 ug/Kg I | |
| 47093 SP0387 | 1 2 | 7 FT | BH40816AE | AROCLOR-1260 | 11096-82-5 | 160 | 170 ug/Kg | J {V |
| 05093 | 1 | | SP038702DH BH00062AE | AROCLOR-1260 BENZENE | 11096-82-5 71-43-2 | 40. 5 | 40 ug/Kg 1 5 ug/Kg 1 | |
| 05093 | 5 | 6 FT | BH00063AE | BENZENE | 71-43-2 | 5 | 5 ug/Kg l | J (V |
| 05193 | 1 2 | | BH00067AE BH00077AE | BENZENE BENZENE | 71-43-2 71-43-2 | 6 5 | 6 ug/Kg il 5 ug/Kg il | |
| 40093 | 1 | 2FT | BH40168AE | BENZENE | 71-43-2 | 6 | 6 ug/Kg | |
| 40093 | 4 | | BH40169AE BH40119AE | BENZENE BENZENE | 71-43-2 | 6 | 6 ug/Kg | |
| 40393 | 2 | | BH40124AE | BENZENE | 71-43-2 | 6; 6 | 6 ug/Kg l 6 ug/Kg l | |
| 40693 40793 | 1 5 | | BH40151AE | BENZENE | 71-43-2 | 6 | 6 ug/Kg | J [V |
| 40793 | 1 | | BH40159AE BH40158AE | BENZENE BENZENE | 71-43-2 71-43-2 | 6 32 | 6 ug/Kg l 32 ug/Kg l | |
| 40893 | 4 | | BH40032AE | BENZENE | 71-43-2 | 5 | 5 ug/Kg |) V |
| 40893 | 1 5 | | BH40031AE BH40203AE | BENZENE BENZENE | 71-43-2 71-43-2 | 5 5 | 29 ug/Kg l 5 ug/Kg l | |
| 40993 | 1 | 2 FT | BH40202AE | BENZENE | 71-43-2 | 6 | 6 ug/Kg l | J V |
| 41193 41293 | 1 | | BH40050AE BH40197AE | BENZENE BENZENE | 71-43-2 | 6; 28 | 6 ug/Kg l 28 ug/Kg l | |
| 41593 | 5 | 5 FT | BH40211AE | BENZENE | 71-43-2 | 5 | 5 ug/Kg l | J ∨ |
| 41693 41793 | 2 2 | | BH40218AE BH40244AE | BENZENE BENZENE | 71-43-2 | 5 <u>;</u> 5 | 5 ug/Kg l | |
| 41793 | 5 | 6 FT | BH40245AE | BENZENE | 71-43-2 | 6 | 6 ug/Kg (| |
| 41993 | 2 5 | | BH40063AE BH40064AE | BENZENE BENZENE | 71-43-2 71-43-2 | 5 5 | 5 ug/Kg l | |
| 42093 | 1 | 2 FT | BH40484AE | BENZENE | 71-43-2 | 29 | 5 ug/Kg l 29 ug/Kg l | |
| 42193 42293 | 1 | | BH40436AE BH40254AE | BENZENE BENZENE | 71-43-2 71-43-2 | 12 | 12 ug/Kg | |
| 42393 | 1 | | | BENZENE | 71-43-2 | 6 | 6 ug/Kg t | |
| 42493 42493 | 5 2 | | BH40284AE | BENZENE BENZENE | 71-43-2 | 5 | 5¦ug/Kg l | J ∨] |
| 42593 | 5 | 6 FT | BH40283AE BH40292AE | BENZENE | 71-43-2 71-43-2 | 6 5 | 6 ug/Kg L 5 ug/Kg L | |
| 42993 42993 | 1 ₁ | | | BENZENE | 71-43-2 | 5 | 5 ug/Kg l |) IV |
| 43193 | 2: | 2 FT | BH40307AE | BENZENE BENZENE | 71-43-2 71-43-2 | 6 11 | 6 ug/Kg L | |
| 43393 43393 | 2 | 2 FT | BH40325AE | BENZENE | 71-43-2 | 5 | 5 ug/Kg L | J V |
| 43493 | 5 2 | 6 FT 2 FT | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 | 6 ug/Kg L 6 ug/Kg L | |
| 43493 | 5 | 6 FT | BH40321AE | BENZENE | 71-43-2 | 6, | 6 ug/Kg ∣L | J ¦V |
| 43693 43793 | 3 1 | 3/FT 1/FT | | BENZENE BENZENE | 71-43-2 | 6 <u>.</u> 5 | 6 ug/Kg L 5 ug/Kg L | |
| 43793 | 5 | 6:FT | BH40334AE | BENZENE | 71-43-2 | 6 | 6jug/Kg L | J IV |
| 43893 43993 | 1 5 | 1:FT 5:FT | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 5 | 6 ug/Kg L 5 ug/Kg L | |
| 43993 | 1 | 1 FT | BH40354AE | BENZENE | 71-43-2 | 6 | 6 ug/Kg L | I V |
| 44093 44393 | 1 5 | 2 FT 6 FT | | BENZENE BENZENE | 71-43-2 71-43-2 | 12 12 | 12 ug/Kg | I V |
| 44393 | 1 | 1 FT | BH40034AE | BENZENE | 71-43-2 | 12 28 | 12 ug/Kg L 28 ug/Kg L | I IV |
| 44893 45693 | 2 5 | | | BENZENE BENZENE | 71-43-2 | 6 | 6 ug/Kg L | i (v |
| 45693 | 1 | | | BENZENE BENZENE | 71-43-2 | 6] 7 | 6 ug/Kg L 7 ug/Kg L | |
| 45793 45893 | 5 | 6 FT | BH40560AE | BENZENE | 71-43-2 | 6 | 6 ug/Kg L | V |
| 45893 | 2 5 | 2 FT 5 FT | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 6 | 6 ug/Kg L 6 ug/Kg L | |
| 46193 | 0, | 1FT | BH40386AE | BENZENE | 71-43-2 | 30, | 30 ug/Kg L | įV į |
| 46293 46593 | 2 | | | BENZENE BENZENE | 71-43-2 | 6 5 | 6 ug/Kg L 5 ug/Kg L | |
| | | | | · | 1 | <u> </u> | Slow NO 10 | |

| LOCATION | DEPTH | DERTH | UNIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Th | an 6 Feet - Or | | | LAB RESULT | IVALIDATION |
|--------------------|---------|-------------------|------|-----------------------|--|----------------------|----------------|---|--------------------|------------|--------------|
| CODE | START | END. | CODE | SAMPLE NUMBER | Analyte | CAS NO | LIMIT | RESULT | UNITS | | |
| 46693 | 1 | 1 F | | | BENZENE | 71-43-2 | 5 | 6 | ug/Kg | Ū | V |
| 46793 | 1 | | | | BENZENE | 71-43-2 | 5 | | ug/Kg | | íV |
| 46893 46993 | 3 | | | | BENZENE BENZENE | 71-43-2 | 5 | | ug/Kg ug/Kg | | IV IV |
| 48195 | O | | | | BENZENE | 71-43-2 | 5 | *************************************** | ug/Kg | | Z |
| 48195 | 2 | | | | BENZENE | 71-43-2 | 5 | 5 | ug/Kg | U | Z |
| 48195 | . 4 | 6 F | | | BENZENE | 171-43-2 | 5 | | ug/Kg | | Z |
| 48295 48295 | 2 | 4 F | | | BENZENE BENZENE | 71-43-2 71-43-2 | 5 | | ug/Kg ug/Kg | | Z |
| 48295 | 4 | 6 F | | | BENZENE | 71-43-2 | 5 | | ug/Kg | | Z |
| 48395 | 0 | 2 F | | | BENZENE | 71-43-2 | 5 | 5 | ug/Kg | U | Z |
| 48395 P208989 | 4 | | | | | 71-43-2 | 5 | | ug/Kg | | Z |
| P209989 | 5 | 7 F | | | BENZENE BENZENE | 71-43-2 | 6 | | ug/Kg ug/Kg | ····· | V V |
| P209189 | 4 | | | | BENZENE | 71-43-2 | 6 | | ug/Kg | | v |
| P209489 | 4 | | | | BENZENE | 71-43-2 | 5 | 5) | ug/Kg | U | V |
| P209489 P209889 | 0 | | | | BENZENE | 71-43-2 71-43-2 | 6 | | ug/Kg | | V |
| P209889 | 4 | 6 F | | | BENZENE BENZENE | 71-43-2 | 6 | | ug/Kg i ug/Kg | | V |
| P210189 | 0 | 2 F | | SEP3089BR0002 | BENZENE | 71-43-2 | 650 | | ug/Kg | | A |
| P210189 | 5 | 7 F | | | | 71-43-2 | 720 | 720 | ug/Kg | U | V |
| P210289 | 0, 4 | 2 F | | | BENZENE | 71-43-2 | 6 | | ug/Kg | | V |
| SP0387 | 2 | 5 F 4 F | | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 | | ug/Kg ug/Kg i | | V |
| 41593 | 4 | 6 F | T | | BENZO(A)ANTHRACENE | 56-55-3 | 440 | | ug/Kg | | V |
| 42193 | 0 | 5 F | | BH40427AE | BENZO(A)ANTHRACENE | 56-55-3 | 360 | 360 | ug/Kg i | Ū | ٧ |
| 42293 | 1 | 6 F | | | BENZO(A)ANTHRACENE | 56-55-3 | 390 | | ug/Kg | | J |
| 42493 | 5 0 | 7 in | | | BENZO(A)ANTHRACENE BENZO(A)ANTHRACENE | 56-55-3 56-55-3 | 350 360 | | ug/Kg ug/Kg | | V V |
| 42593 | 0 | 5 F | | | BENZO(A)ANTHRACENE | 56-55-3 | 360 | | ug/Kg | | v · |
| 43393 | 0 | 5 F | | | BENZO(A)ANTHRACENE | 56-55-3 | 360 | 360 | ug/Kg | U | V |
| 43493 43493 | 5 0 | 10 F | | | BENZO(A)ANTHRACENE | 56-55-3 | 370 | | ug/Kg | | Z |
| 43693 | 0 | 5 F | | | BENZO(A)ANTHRACENE BENZO(A)ANTHRACENE | 56-55-3 56-55-3 | 380 360 | | ug/Kg ug/Kg | | Z V |
| 46593 | 1 | 7 F | | | | 56-55-3 | 330 | | ug/Kg | | V |
| 46593 | 7 | 41 8 | | | BENZO(A)ANTHRACENE | 56-55-3 | 330 | 390 | ug/Kg | U | J |
| 46693 46793 | 0 | 7 F 6 F | | | BENZO(A)ANTHRACENE BENZO(A)ANTHRACENE | 56-55-3 56-55-3 | 330 | | ug/Kg | | V |
| 46893 | 0 | 7 F | | | BENZO(A)ANTHRACENE | 56-55-3 | 330 330 | | ug/Kg ug/Kg | | <u>v</u> |
| 46993 | 1 | 5 F | T | | | 56-55-3 | 330 | | ug/Kg | | v · |
| 46993 | 10 | 16 IN | | | BENZO(A)ANTHRACENE | 56-55-3 | 330 | 380) | ug/Kg | U (| V |
| 47093 48195 | 4 | 7 F | | | BENZO(A)ANTHRACENE BENZO(A)ANTHRACENE | 56-55-3 56-55-3 | 330 660 | | ug/Kg | | V |
| 48195 | 0 | 2 F | | | BENZO(a)ANTHRACENE | 56-55-3 | 760 | | ug/Kg ug/Kg | | Z Z |
| 48195 | 2 | 4 F | T | BH00102PE | BENZO(a)ANTHRACENE | 56-55-3 | 790 | | ug/Kg | | Z |
| 48295 | 0 | 2 F | | | BENZO(a)ANTHRACENE | 56-55-3 | 740 | | ug/Kg ∣ | | Z |
| 48295 48295 | 2 4 | 4 F | | | | 56-55-3 56-55-3 | 770; 790 | | ug/Kg │ | | Z |
| 48395 | 2 | 4 F | | ······ | BENZO(a)ANTHRACENE | 56-55-3 | 660 | | ug/Kg ug/Kg | | Z Z |
| 48395 | 4 | 5 F | | BH00109PE | BENZO(a)ANTHRACENE | 56-55-3 | 750 | | Jg/Kg | | Z |
| 48395 41593 | 0 | 2 F 6 F | | | | 56-55-3 | 810 | | ıg/Kg | | Ż |
| 42193 | 4 0, | 5 F | | | BENZO(A)PYRENE BENZO(A)PYRENE | 50-32-8 50-32-8 | 440 360 | | Jg/Kg Jg/Kg ∣ | | V V |
| 42293 | 1 | 6 F | | | BENZO(A)PYRENE | 50-32-8 | 390 | | Jg/Kg | | y J |
| 42493 | 5 | 7 IN | | SS40083AE | BENZO(A)PYRENE | 50-32-8 | 350 | | Jg/Kg ∣ | | V |
| 42593 43393 | 0 | 5 F | | | | 50-32-8 | 360 | | ıg/Kg | | V |
| 43493 | 5 | 10 F | | | BENZO(A)PYRENE BENZO(A)PYRENE | 50-32-8 | 360 370 | 2701 | ıg/Kg | | V. |
| 43493 | 0, | 5.F | Т | BH40319AE | | 50-32-8 | 380, | | ug/Kg ⊔g/Kg | ŭi | Z Z |
| 43693 | 0 | 5 F | | BH40520AE | BENZO(A)PYRENE | 50-32-8 | 360 | 360 ι | ıg/Kg | U | V |
| 46593 46593 | 7 | 7 F 8 IN | | | | 50-32-8 | 330 | | ig/Kg | | V . |
| 46693 | o, | 7 F | | | | 50-32-8 50-32-8 | 330 330 | 380) | ıg/Kg ıg/Kg ∣ | Ŭ | J V |
| 46793 | 0 | 6 F | r | BH40798AE | BENZO(A)PYRENE | 50-32-8 | 330, | | g/Kg | | v |
| 46893 | 0 | 7 F | | | | 50-32-8 | 330 | | ıg/Kg ∣ | | V |
| 46993 46993 | 10 | 5 F1 | | | | 50-32-8 150-32-8 | 330 330 | | ıg/Kg ıg/Kg | | V V |
| 47093 | 1 | 7 ₁ F1 | | | | 50-32-8 | 330 | | ig/Kg | | V |
| 48195 | 0 | 2 F1 | r i | BH00101PE | BENZO(a)PYRENE | 50-32-8 | 760 | 34 (| ιg/Kg . | J . i | Z |
| 48195 48195 | 4! | 6 F | | | | 50-32-8 | 660 | 660 L | ıg/Kg | U | Z |
| 48295 | 2 | 4 F 2 F | | | | 50-32-8 50-32-8 | 790 740 | | ıg/Kg i | | Z |
| 48295 | 2 | 4 F | | | | 50-32-8 | 770 | | ig/Kg | | Z Z |
| 48295 | 4, | 6 F1 | Г | BH00106PE | BENZO(a)PYRENE | 50-32-8 | 790 | 790¦u | ig/Kg | U | Z |
| 48395 48395 | 2 | 4 F 5 F | | | | 50-32-8 | 660 | | ıg/Kg ∏ | | Z |
| 48395 | 0. | 2 F1 | | | | 50-32-8 50-32-8 | 750 810 | 750 L | ig/Kg I | 1 | Z Z |
| 41593 | 4 | 6 F1 | | | | 205-99-2 | 440 | | g/Kg I | | / |
| 42193 | 0 | 5 F1 | | BH40427AE [| BENZO(B)FLUORANTHENE | 205-99-2 | 360 | 360 u | ıg/Kg ∣l | ין ע | V |
| 42293 42493 | 5 | 6 F1 | | | | 205-99-2 | 390 | | ıg/Kg ∣l | | |
| 42493 42593 | 0 | 7; IN 5; FT | | | | 205-99-2 205-99-2 | 350, 360 | | ig/Kg l | | |
| 43393 | 0, | 5 FT | r 1 | BH40512AE | | 205-99-2 | 360 | | g/Kg il | | <u>v</u> |
| 43493 | 5 | 10 FT | | | | 205-99-2 | 370 | 370 u | g/Kg | زا ز | Z |
| 43493 | 0 | 5 FT | | BH40319AE | BENZO(B)FLUORANTHENE | 205-99-2 | 380 | 380 u | g/Kg | ; ت | Z i |

| LOCATION | | | (1 50%) (150) A | ration Pends A | OC - Analytical Results for Subsurface | 4 6000 1000 | DETECTION | 18 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | LAB RESULT | VALIDATION |
|----------------|-------|----------------|--|----------------------------|--|-----------------------|----------------|--|------------|---------------------------------------|
| CODE | START | END CODE | SAMPLE NUMBER | DE NIZO OVE | Analyte | CAS NO | LIMIT | RESULT UNI | | a (market agreement immediate impart |
| 43693 46593 | 0 | 5!FT 7!FT | | | UORANTHENE UORANTHENE | 205-99-2 | : 360 : 330 | 360 ug/K 360 ug/K | g IU | IV IV |
| 46593 | 7 | 8 IN | IS\$40140AE | BENZO(B)FL | UORANTHENE | 205-99-2 | 330 | 390 ug/K | gU | J |
| 46693 | 0 | 7;FT | | | UORANTHENE | 205-99-2 | 330 | | | V |
| 46793 46893 | 0 | 6)FT 7;FT | | | UORANTHENE UORANTHENE | 205-99-2 | 330 | | | V |
| 46993 | 1 | 5 FT | BH40810AE | | UORANTHENE | 205-99-2 | 330 | 350 ug/K | | İV |
| 46993 | 10 | 16 IN | | | UORANTHENE | 205-99-2 | 330 | 380 ug/K | | V |
| 47093 48195 | 1 1 | 7 FT 6 FT | | | UORANTHENE UORANTHENE | 205-99-2 | 330 660 | 350)ug/K 660 ug/K | | V Z |
| 48195 | 0 | 2 FT | BH00101PE | | UORANTHENE | 205-99-2 | 760 | | | Z |
| 48195 | 2 | 4 FT | | | UORANTHENE | 205-99-2 | 790 | 790 ug/K | | Z |
| 48295 48295 | 2 | 2 FT 4 FT | BH00104PE BH00105PE | | UORANTHENE UORANTHENE | 205-99-2 | 740 | 740]ug/K 770]ug/K | | Z Z |
| 48295 | 4 | 6FT | | | UORANTHENE | 205-99-2 | 790 | 790 ug/K | | Z |
| 48395 | 2 | 4 FT | BH00108PE | | UORANTHENE | 205-99-2 | 660 | 660 ug/K | g¦U | Z |
| 48395 48395 | 4 0 | 5 FT 2 FT | BH00109PE BH00107PE | | UORANTHENE UORANTHENE | 205-99-2 | . 810 | 750 ug/K | | i-Z I Z |
| 41593 | 4 | 6 FT | | BENZO(B)FL | | 191-24-2 | 440 | 810;ug/K 440;ug/K | | IV |
| 42193 | 0 | 5 FT | BH40427AE | BENZO(GHI) | PERYLENE | 191-24-2 | 360 | 360,ug/K | g JU | V |
| 42293 | 1 | 6 FT | | BENZO(GHI) | | 191-24-2 | 390 | 390 ug/K | | iJ |
| 42493 42593 | 5 | 7/IN 5/FT | | BENZO(GHI) BENZO(GHI) | | 191-24-2 | 350 360 | 350 ug/K 360 ug/K | | iV V |
| 43393 | 0 | 5 FT | BH40512AE | BENZO(GHI) | | 191-24-2 | 360 | 360 ug/K | | V |
| 43493 | 5 | 10 FT | BH40322AE | BENZO(GHI) | PERYLENE | 191-24-2 | 370 | 370 ug/K | g U | Z |
| 43493 | 0 | 5FT 5FT | | BENZO(GHI) | | 191-24-2 | 380 | 380)ug/K | | Z |
| 43693 46593 | 1 0 | 5!F1 7!FT | | BENZO(GHI) BENZO(GHI) | | 191-24-2 | 360 | 360 ug/K 360 ug/K | | IV V |
| 46593 | 7 | 8 IN | SS40140AE | BENZO(GHI) | | 191-24-2 | 330 | 390 ug/K | g U | J |
| 46693 | 0 | 7FT | | BENZO(GHI) | | 191-24-2 | 330 | 380 ug/K | | IV. |
| 46793 46893 | 0 | 6 FT 7 FT | | BENZO(GHI) BENZO(GHI) | | 191-24-2 191-24-2 | 330 | 370 ug/K 370 ug/K | | IV IV |
| 46993 | 1 | 5 FT | | BENZO(GHI) | | 191-24-2 | 330 | 350 ug/K | | V |
| 46993 | 10 | 16 IN | SS40144AE | BENZO(GHI) | PERYLENE | 191-24-2 | 330 | 380 ug/K | | iv |
| 47093 | 1 4 | 7;FT | | BENZO(GHI) | | 191-24-2 | 330 | 350 ug/K | | IV Z |
| 48195 48195 | 0 | 6'FT 2 FT | | BENZO(ghi)F BENZO(ghi)F | | 191-24-2 | 660 760 | 660 ug/K 760 ug/K | | <u>Z</u> Z |
| 48195 | 2 | | | BENZO(ghi)F | | 191-24-2 | 790 | 790 ug/K | | Z |
| 48295 | j 0. | 2 FT | | BENZO(ghi)F | | 191-24-2 | 740 | 740 ug/K | | Z |
| 48295 48295 | 2 | 4'FT 6FT | | BENZO(ghi)F BENZO(ghi)F | | 191-24-2 | 770 790 | 770 ug/K 790 ug/K | | Z |
| 48395 | 2 | 4FT | | BENZO(ghi)F | | 191-24-2 | 660 | 660 ug/K | | Z |
| 48395 | 4 | 5 FT | | BENZO(ghi)F | | 191-24-2 | 750 | 750 ug/K | g IU | Z |
| 48395 41593 | 0 4 | 2 FT 6 FT | | BENZO(ghi)F | ERYLENE UORANTHENE | 191-24-2 | 810 440 | 810 ug/K | | Z |
| 42193 | 0 | 5 FT | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | UORANTHENE | 207-08-9 | 360 | 440 ug/K 360 ug/K | | IV IV |
| 42293 | 1 | 6FT | | | UORANTHENE | 207-08-9 | 390 | 390 ug/K | | Ü |
| 42493 | 5 | 7(IN | | | UORANTHENE | 207-08-9 | 350 | 350 ug/K | | ĮV. |
| 42593 43393 | 0 | 5 FT 5 FT | | | UORANTHENE UORANTHENE | 207-08-9 | 360 | 360 ug/K 360 ug/K | | IV IV |
| 43493 | 5 | 10 FT | | | UORANTHENE | 207-08-9 | 370 | 370 ug/K | | Z |
| 43493 | 0 | 5FT | | | UORANTHENE | 207-08-9 | 380 | 380 ug/K | | iZ |
| 43693 46593 | 0 | 5 FT 7 FT | | | UORANTHENE UORANTHENE | 207-08-9 | 360, 330 | 360 ug/K | | V V |
| 46593 | 7 | 8 IN | | | UORANTHENE | 207-08-9 | 330 | 360 ug/K 390 ug/K | | iJ |
| 46693 | 0 | 7:FT | BH40792AE | BENZO(K)FL | UORANTHENE | 207-08-9 | 330 | 380 ug/K | g U | :V |
| 46793 46903 | 0 | 6 FT | | | UORANTHENE | 207-08-9 | 330 | 370 ug/K | | V |
| 46893 46993 | 0 | 7;FT 5!FT | | | UORANTHENE UORANTHENE | 207-08-9 | 330 330 | 370 ug/K 350 ug/K | | IV IV |
| 46993 | 10 | 16'IN | | | UORANTHENE | 207-08-9 | 330 | 380 ug/K | | iv . |
| 47093 | 1 | 7 FT | | | UORANTHENE | 207-08-9 | 330 | 350 ug/K | | V |
| 48195 48195 | 0 | 6 FT 2 FT | | | JORANTHENE JORANTHENE | 207-08-9 | 660 760 | 660 ug/K 760 ug/K | g IU | Z |
| 48195 | 2 | 4/FT | | | JORANTHENE | 207-08-9 | 790 | 790;ug/K | 9 U | I Z |
| 48295 | 0 | 2 FT | | | JORANTHENE | 207-08-9 | 740 | 740 ug/K | g ĮU | Z |
| 48295 48205 | 2 | 4;FT | | | JORANTHENE JORANTHENE | 207-08-9 | 770 | 770 ug/K | | Z |
| 48295 48395 | 2 | 6 FT 4 FT | | | JORANTHENE JORANTHENE | 207-08-9 | 790 660 | 790 ug/K 660 ug/K | g U | Z |
| 48395 | 4 | 5 FT | BH00109PE | BENZO(k)FL | JORANTHENE | 207-08-9 | 750 | 750 ug/K | g IU | Z |
| 48395 48493 | 0 | 2 FT | | | JORANTHENE | 207-08-9 | 810 | 810 ug/K | g IU | Z |
| 42193 42293 | 0 | 5:FT 6:FT | | BENZOIC AC BENZOIC AC | | 65-85-0 65-85-0 | 1800 1900 | 1800 ug/K 1900 ug/K | | IV IJ |
| 42493 | 0 | 5[FT | BH40440AE | BENZOIC AC | iD | 65-85-0 | 1800 | 1800 ug/K | giU | iv |
| 43393 | 0, | 5 FT | | BENZOIC AC | | 65-85-0 | 1800 | 1800 ug/K | g U | V |
| 43493 43493 | 5 | 10 FT. 5 FT | | BENZOIC AC BENZOIC AC | | 65-85-0 65-85-0 | 1800 1900 | 1800 ug/K 1900 ug/K | | (Z |
| 43693 | 0 | 5 FT | | BENZOIC AC | | 165-85-0 | 1800 | 1800 ug/K | | Z V |
| 46593 | 1 | 7 FT | BH40786AE | BENZOIC AC | ID | 65-85-0 | 1600 | 1700;ug/K | g U | V |
| 46593 46603 | 7 | 8 IN | | BENZOIC AC | | 65-85-0 | 1600 | 1900 ug/K | | IJ |
| 46693 46793 | 0 | 7/FT 6/FT | | BENZOIC AC BENZOIC AC | | 65-85-0 65-85-0 | 1600 1600 | 1800;ug/K 1800;ug/K | | ıV V |
| 46893 | 0 | 7/FT | | BENZOIC AC | | 65-85-0 | 1600 | 1800 ug/K | giU | v |
| 46993 | 1 | 5/FT | BH40810AE | BENZOIC AC | ID | 65-85-0 | 1600 | 1700 ug/K | U | (V |
| 16993 17093 | 10 | 16 IN | | BENZOIC AC | | 65-85-0 | 1600 | 1900 ug/K | | IV |
| 47093 | 1 | 7(FT | BH40816AE | BENZOIC AC | ··· | 65-85-0 | 1600, | 1700 ug/K | g IO | IV |

| COMPAND COMP | LOCATION | Upentul pentul | | vaporation Ponds AOC - Analytical Re | sults for Subsurface Soils Les | | | | | |
|--|-----------------|----------------|-----------------|--------------------------------------|---|---|----------|--------|-----|----------|
| 1915 1916 | | | UNIT SAMPLE NUM | BER Analyte | CASIN | DETECTION | | | | |
| 1985 Part Property Part Par | 42193 | | | | | warmer - for a facility was at fought a county of the | | | | |
| 1985 0 577 | 42293 | | | | | | | | J j | J |
| 360 5 10 FT 184403274 18574 ACCPUTA, 100-51-4 300 301-50-6 U V V V S1850 U V V S1850 U V V V S1850 U U V V V S1850 U U V V V S1850 U U V | | | | | | | | /Kg L | | |
| 1940 0 SFT BHASTIGAT BERTYLACOPOL 100-51-6 330 350-295-0 U V V V V V V V V V | 43393 | | | | | | | | | |
| 1980 0 9FF BH4950AE BENT ALCOPOL 100-51-6 350 350-95-6 U V V V V V V V V V | 43493 | | | | | | | | | |
| 1985 7 8 10 5540 10 10 10 10 10 10 10 | 43693 | | | | | |) 360 ug | /Kg iU | J : | V |
| 1985 0 7FF 8H-09046 18EVY ALCOHOL 1100-1-4 330 350 960 0 V V V V V V V V | | | | | | | | | | |
| 1 SFT BH-MODIONE BENTY ALCOCKEL 1106-11-0 330 350 | | | | | | | | VKg U | J | |
| 1905 1907 | 46993 | | | | | | 350 uc | /Ka L | , | |
| 1985 4 FFT B-HASTING BETA-BIC 319-657 11 11 11 11 11 11 11 | 46993 | | | | | | 380 ug | /Kg U | J į | |
| 1975 0 5 FT 9940427AE 8874-89C 319-857 87 87-9076 U V V V V V V V V V | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2493 0 SFT BMGGGGAE BETA-BHC 310-85-7 8.6 8.6 Loging U V V V V V V V V V | 42293 | | | | ~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | |
| 1948 S | 42493 | | | | | | 8.6 ug | /Kg U |) [| |
| 1948 0 5 F | | | | | | | | | | |
| 1993 1 1947 194 | | | | | ······································ | | | | | |
| 1 | 43693 | | | | | | ·Y | | | |
| 1985 0 7 7 8 8409782 8817.891C 319-857 6 8.4 (s) 76 10 17 19 19 19 19 19 19 19 | 46593 | | | | | | 8.7 ug | /Kg U | J | |
| 9933 O 6 FT BH079ARE BETA-BHC 319-85-7 8 8 15 Log/Ng U V V 99-8033 O 7 FT BH-060AGA BETA-BHC 319-85-7 8 8 5 Log/Ng U V V 99-9033 O 7 FT BH-060AGA BETA-BHC 319-85-7 8 8 5 Log/Ng U V V 99-9033 O 7 FT BH-060AGA BETA-BHC 319-85-7 8 8 5 Log/Ng U V V 99-9033 O 7 FT BH-060AGA BETA-BHC 319-85-7 8 8 5 Log/Ng U V V 99-9033 O 9 FT BH-060AGA BETA-BHC 319-85-7 8 8 5 Log/Ng U V V 99-9033 O 5 FT BH-060AGA BETA-BHC 319-85-7 2 2 Zou/Ng U V V 99-9033 O 5 FT BH-060AGA BETA-CHLOROANE 319-65-7 2 Zou/Ng U V V 99-9033 O 5 FT BH | | | | | | | | | | |
| 19893 0 7 FF 8 H0808AE 8ETA-BIC 319-85-7 8 8 Up/Rg U V 9993 1 5 FT 8 H0808AE 8ETA-BIC 319-85-7 8 8 Up/Rg U V 9993 1 5 FT 8 H0808AE 8ETA-BIC 319-85-7 8 8 Up/Rg U V 9993 1 7 FF 8 H0808AE 8ETA-BIC 319-85-7 8 8 Up/Rg U V 9993 1 7 FF 8 H0808AE 8ETA-BIC 319-85-7 8 8 Up/Rg U V 9993 1 7 FF 8 H0808AE 8ETA-BIC 319-85-7 8 8 Up/Rg U V 9993 1 9 Up/Rg U V 9 Up/Rg U U V 9 Up/Rg U V | 46693 46793 | | | | | | | | | |
| 9893 11 5 FT SHABSTORE BETA-BHC 319-85-7 8 8.5 luprig U V V V V V V V V V | 46893 | | | | | | | | | |
| 17937 11 7 FT BH-0916AE BETA-BHC 319-85.7 2 2 2 3 4 5 7 2 2 3 4 5 7 2 2 3 4 5 7 2 2 3 4 5 7 2 2 3 4 5 7 2 2 3 4 5 7 2 2 3 4 5 7 2 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 3 4 5 7 5 5 5 5 4 5 7 7 10 5 6 10 7 7 7 10 5 7 7 7 7 7 7 7 7 7 | 46993 | | | | | 8 | 8.6 ug | /Kg U | l l | V |
| PROSECT 2 | 46993 47093 | | | | | | | | | · |
| 1939 4 | 47093 SP0387 | | | | | | | | | <u>v</u> |
| 2193 | 41593 | | | | | | | | | V |
| 2493 O. S FT IBHA04GAE BETA-CHLORDANE IS105-74-2 BE BELOPKG U V | 42193 | | | | | 2 87 | 87 ug | /Kg /U | 1 | |
| 3393 O. S FT IBH0512AE BETA-CHLORQANE IS103-74-2 86 85 µp/Rg U V W W W W W W W W W | | | | | | | | | | |
| 1985 | 43393 | | | | | | | | | |
| 1968 0 5 FT BH40919AE BETA-CHLORDANE 5103-74-2 82 921ug/kg U V V V V V V V V V | 43493 | | | | | | | | | |
| 1993 11 7 FT | 43493 | | | | | | 92 ug | /Kg U | i i | |
| 5983 7 SIN SSA0140AE BETA-CHLORDANE 5103-74-2 80 89.19/05 U V V V V V V V V V | | | | | | | | | | |
| 6893 0 7, FT | 46593 | | | | | | | | | |
| 6793 0 6 FT BH40798AE BETA-CHLORDANE 5103-742 80 91\u00fcg/R U V V 6993 1 5 FT BH4060AE BETA-CHLORDANE 5103-742 80 86\u00bcg/R U V V 6993 1 5 FT BH40610AE BETA-CHLORDANE 5103-742 80 86\u00bcg/R U V V V 6993 1 5 FT BH40610AE BETA-CHLORDANE 5103-742 80 86\u00bcg/R U V V V V V V V V V | 46693 | | | | | | | | | |
| 1 5 FT BH40910AE BETA-CHLORDANE 5103-74-2 80 85\(\text{BUDPAG} \) U V V V V V V V V V | 46793 | | | | | | 91lug | /Kg U | Į į | |
| 10 | | | | | | | | | | |
| 1993 11 7FT BH40816AE BETA-CHLORDANE 5103-74-2 80 861ug/kg U V V V V V V V V V | 46993 | | | | | | | | | |
| 1993 4 6 FT | 47093 | | T BH40816AE | | | | | | | |
| 1 | 41593 | | | | | | | | | |
| 11 | | | | | | | | | | |
| 2493 0 5 FT BH4044BAE BIS(2-CHLORETHY)_ETHER 111-44-4 360 36 | 42493 | | ***** | | | | | | | |
| 3393 0 5 FT BH40312AE BISI2C-CHLORETHYL)ETHER 111-44-4 360 360 19/16 IU V 3493 5 10 FT BH40312AE BISI2C-CHLORETHYL)ETHER 111-44-4 370 370 19/16 IU Z 3493 0 5 FT BH40319AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU Z 3693 0 5 FT BH40520AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 360 19/16 IU V 5693 1 7 FT BH40520AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 360 19/16 IU V 5693 1 7 FT BH40786AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 360 19/16 IU V 5693 7 BISIA SA0140AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 360 19/16 IU V 5693 7 BISIA SA0140AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 390 19/16 IU V 5693 0 FT BH4079AAE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU V 5693 0 FT BH4079AAE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU V 5693 0 FT BH40804AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 370 19/16 IU V 5693 0 FT BH40810AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 370 19/16 IU V 5693 1 FT BH40810AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 370 19/16 IU V 5693 1 FT BH40810AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU V 5693 1 FT BH40810AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU V 5693 1 FT BH40810AE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU V 570 19/16 II S 56014AAE BISI2C-CHLORETHYL)ETHER 111-44-4 380 380 19/16 IU V 570 19/16 II V 570 1 | 42493 | | | BIS(2-CHLORETHYL)ETHER | | | | | | |
| 1949 195 196 | | | | | | | | | | |
| 3493 0 S FT BH40520AE BIS(2-CHLORETHYL)ETHER 111-44-4 380 380.ug/Kg U IZ 3893 0 S FT BH40520AE BIS(2-CHLORETHYL)ETHER 111-44-4 380 380.ug/Kg U V 3893 1 7 FT BH40786AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 380.ug/Kg U V V 3893 1 7 FT BH40786AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 380.ug/Kg U V V 3893 1 7 FT BH40786AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 380.ug/Kg U V V V V V V V V V | | | | | | | | | | |
| 3693 0 5 FT B H40520AE B S(2-CHLORETHYL)ETHER 111-44-4 360 360 ug/Kg U V V V V V V V V V | 43493 | | | | | | | | | |
| SS01 SIN SS0140AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 390 ug/Kg U U V S693 O FT BH4079AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 390 ug/Kg U V V S693 O FT BH4080AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 370 ug/Kg U V V S693 O FT BH4080AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 370 ug/Kg U V V S693 O FT BH40810AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 370 ug/Kg U V V S693 O FT BH40810AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 350 ug/Kg U V V S693 O SIT BH40810AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 350 ug/Kg U V V S693 O SIT BH40810AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 350 ug/Kg U V V S693 O SIT BH40819AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 350 ug/Kg U V V S693 O SIT BH40819AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 350 ug/Kg U V V S693 O SIT BH40819AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 350 ug/Kg U V V S693 O SIT BH40419AE BIS(2-CHLORETHOXY)METHANE 111-91-1 360 360 ug/Kg U V U U U U U U U U | 43693 | 0 5FT | T BH40520AE | BIS(2-CHLORETHYL)ETHER | 111-44-4 | 360 | 360 ug | /Kg U | 1 | |
| 11-44-4 330 380.ug/Kg U V V V V V V V V V | | 7 0/161 | 1001011015 | | | | | | | |
| 6793 0 6 FT BH40798AE BIS(2-CHLORETHYL)ETHER 111-44-4 330 370 lug/Kg U V V V V V V V V V | 46693 | | | | | | | | | |
| BB93 0 7 FT | 46793 | 0 6 FT | BH40798AE | | | | 370 ug | /Kg U | :\ | |
| 10 | 46893 | | | | 111-44-4 | 330 | 370;ug | /Kg U | | / |
| 1 | | | | | | | | | | |
| 1593 4 6 FT BH40419AE BIS(2-CHLOROETHÓXY)METHANE 111-91-1 440 | 47093 | | | | | | | | | |
| 2193 0 5 FT BH40427AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 360 360 ug/Kg U V V V V V V V V V | 41593 | 4 6 FT | BH40419AE | BIS(2-CHLOROETHOXY)METH | ANE 111-91-1 | | 440 ug | /Kg U | 1 | |
| 2493 5 7 N SS40083AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 350 350 350 10 10 10 10 10 10 10 | 42193 | | | | ANE 111-91-1 | 360 | 360 ug | /Kg U | 1 | / |
| 2493 0 5 FT BH40440AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 360 360 ug/Kg U V V V V V V V V V | | | | | | | | | | |
| 2593 0 5 FT BH40448AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 360 360 lug/Kg U V V V V V V V V V | 42493 | 0 5 FT | | | | | | /Kg [U | | |
| Signature Sign | 42593 | 0, 5,FT | BH40448AE | BIS(2-CHLOROETHOXY)METH | ANE 111-91-1 | | | | | |
| 3493 0 5 FT BH40319AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 380 380 ug/Kg U Z 3693 0 5 FT BH40520AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 360 360 ug/Kg U V V 3693 1 7 FT BH40786AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 360 ug/Kg U V V 3693 7 8 IN SS40140AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 390 ug/Kg U V V 3693 0 7 FT BH40792AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380 ug/Kg U V V 3693 0 6 FT BH40798AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg U V V 3693 0 7 FT BH40804AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg U V 3693 1 5 FT BH40804AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg U V 3693 1 5 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V 3693 10 16 IN SS40144AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380 ug/Kg U V 3693 10 16 IN SS40144AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380 ug/Kg U V 3693 10 16 IN SS4014AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V 3693 10 16 IN SS4014AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V 3693 10 16 IN SS4014AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V 3693 10 16 IN SS4014AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V 3693 10 16 IN SS4014AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V 3695 3 | 43393 | | | | | | 360 ug | /Kg U | IV. | / |
| 3693 0 5 FT BH40520AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 360 360 ug/Kg U V V S693 1 7 FT BH40786AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 360 ug/Kg U V V S693 7 8 IN S540140AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 390 ug/Kg U V V S693 0 7 FT BH40792AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 360 ug/Kg U V V S693 0 6 FT BH40798AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg U V V S693 0 7 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg U V V S693 1 5 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V S693 10 16 IN S540144AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380 ug/Kg U V V S693 1 7 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380 ug/Kg U V V S693 1 7 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V V S695 1 7 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V V S695 1 5 FT BH00103PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 560 660 ug/Kg U Z S695 369 | | | | | | | | | | |
| 1 | 43693 | | | | | | | | | |
| Sin SS40140AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 390 lug/Kg U U U U U U U U U | 46593 | 1 7FT | BH40786AE | BIS(2-CHLOROETHOXY)METH | IANE 111-91-1 | | | | | |
| 0 0 0 0 0 0 0 0 0 0 | 46593 46603 | | | | | | 390 ug/ | /Kg ∣U | J | 1 |
| BB93 0 7 FT BH40804AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 370 ug/Kg U V B6993 1 5 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V V B6993 10 16 IN SS40144AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 330 ug/Kg U V V B7093 1 7 FT BH40816AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 ug/Kg U V B7093 1 7 FT BH40816AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 660 660 ug/Kg U Z B7095 0 2 FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 760 760 ug/Kg U Z B7095 0 2 FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 760 760 ug/Kg U Z B7095 0 2 FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 760 760 ug/Kg U Z B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V B7095 U V U V U U U U U U | | | | | | | | | | |
| 6993 1 5 FT BH40810AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 lug/kg U IV 6993 10 16 liN SS40144AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380 lug/kg U IV 7093 1 7 FT BH40816AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350 lug/kg U IV 8195 4 6 FT BH00103PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 660 660 lug/kg U IZ 8195 0 2 FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 760 760 lug/kg U IZ | 46893 | | | | | | | | | |
| 6993 10 16 IN \$S\$40144AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 380/ug/Kg U V 7093 1 7 FT BH40816AE BIS(2-CHLOROETHOXY)METHANE 111-91-1 330 350/ug/Kg U V 8195 4 6 FT BH00103PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 660 660/ug/Kg U Z 8195 0 2 FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 760 760/ug/Kg U Z | 46993 | 1 5 FT | BH40810AE | BIS(2-CHLOROETHOXY)METH | IANE 111-91-1 | | | | | |
| B195 4 6 FT BH00103PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 660 660 ug/Kg U Z B195 0 2 FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 111-91-1 760 760 ug/Kg U Z | 16993 17003 | | | | | | 380 ug/ | Kg iU | | |
| 8195 0 2:FT BH00101PE BIS(2-CHLOROETHOXY)METHANE 1111-91-1 760 760 Ug/Kg U Z | 17093 18195 | | | | | | | | | |
| | 18195 | | | | | | | | | |
| | ¥8195 | | | | | | | | | |

| FI-OCATION | TOEPTHI DEPT | HI MINIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical R | esults for Subsurface | Soils Less Th | an 6 Feet - Orga | | LAB RESULTIVALIDATIO |
|------------------|--------------|--------------|--|--|-----------------------|----------------------|------------------|-------------------------------|----------------------|
| | | CODE | SAMPLE NUMBER | Analyte | | | | RESULT UNITS | QUALIFIER QUALIFIER |
| 48295 | 0, | 2 FT 4 FT | | BIS(2-CHLOROETHOXY)MET | | 111-91-1 | 740 | 740 ug/Kg | |
| 48295 48295 | 2 | 4 F 6 FT | | BIS(2-CHLOROETHOXY)MET BIS(2-CHLOROETHOXY)MET | | 111-91-1 111-91-1 | 770, | 770 ug/Kg 790 ug/Kg | |
| 48395 | . 2 | 4 FT | BH00108PE | BIS(2-CHLOROETHOXY)MET | HANE | 111-91-1 | 660, | 660 ug/Kg | U {Z |
| 48395 48395 | 4 | 5FT 2FT | BH00109PE BH00107PE | BIS(2-CHLOROETHOXY)MET BIS(2-CHLOROETHOXY)MET | | 111-91-1 | 750 810 | 750 ug/Kg 810 ug/Kg | |
| 48195 | 4, | 6 FT | | BIS(2-CHLOROETHYL)ETHE | | 111-44-4 | 660 | 660 ug/Kg | |
| 48195 | 0 | 2 FT | | BIS(2-CHLOROETHYL)ETHE | | 111-44-4 | 760 | 760 ug/Kg | U ∤Z |
| 48195 48295 | 0 | 4 FT 2 FT | | BIS(2-CHLOROETHYL)ETHE BIS(2-CHLOROETHYL)ETHE | | 111-44-4 111-44-4 | 790 740 | 790 ug/Kg 740 ug/Kg | |
| 48295 | 2 | 4FT | · · · · · · · · · · · · · · · · · · · | BIS(2-CHLOROETHYL)ETHE | | 111-44-4 | 770 | 770 ug/Kg | |
| 48295 | 4 | 6FT | BH00106PE | BIS(2-CHLOROETHYL)ETHE | R | 111-44-4 | 790 | 790 ug/Kg | U IZ |
| 48395 48395 | 2 4 | 4)FT 5 FT | | BIS(2-CHLOROETHYL)ETHE BIS(2-CHLOROETHYL)ETHE | | 111-44-4 111-44-4 | 750 | 660 ug/Kg | |
| 48395 | 0 | 2 FT | | BIS(2-CHLOROETHYL)ETHE | | 111-44-4 | 730, 810 | 750 ug/Kg 810 ug/Kg | |
| 41593 | 4 | 6 FT | BH40419AE | BIS(2-CHLOROISOPROPYL)I | THER | 108-60-1 | 440 | 440 ug/Kg | U ĮV |
| 42193 42293 | 0 1 | 5:FT 6:FT | | BIS(2-CHLOROISOPROPYL)I BIS(2-CHLOROISOPROPYL)I | | 108-60-1 108-60-1 | 360 390 | 360 ug/Kg | |
| 42493 | 5 | 7 IN | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 350 | 390jug/Kg 350jug/Kg | |
| 42493 | . O | 5 FT | BH40440AE | BIS(2-CHLOROISOPROPYL) | THER [| 108-60-1 | 360 | 360 ug/Kg | U V |
| 42593 43393 | 0, | 5FT | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 360 | 360 ug/Kg | |
| 43393 | | SFI OFT | | BIS(2-CHLOROISOPROPYL) BIS(2-CHLOROISOPROPYL) | | 108-60-1 108-60-1 | 360 370 | 360 ug/Kg 370 ug/Kg | |
| 43493 | 0 | 5:FT | BH40319AE | BIS(2-CHLOROISOPROPYL) | THER | 108-60-1 | 380 | 380 ug/Kg | U Z |
| 43693 | 0 | 5 FT | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 360 | 360 ug/Kg | U V |
| 46593 46593 | 1 1 7 | 7 FT 8 IN | | BIS(2-CHLOROISOPROPYL)(BIS(2-CHLOROISOPROPYL)(| | 108-60-1 108-60-1 | 330 330 | 360 ug/Kg 390 ug/Kg | |
| 46693 | 0 | 7FT | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 330 | 380 ug/Kg | |
| 46793 | | 6 FT | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 330 | 370 ug/Kg | |
| 46893 46993 | 0 1 | 7;FT 5 FT | | BIS(2-CHLOROISOPROPYL); BIS(2-CHLOROISOPROPYL); | | 108-60-1 108-60-1 | 330 330 | 370 ug/Kg 350 ug/Kg | |
| 46993 | | 6 IN | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 330 | 380 ug/Kg | |
| 47093 | | | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 330 | 350 ug/Kg | U įV |
| 48195 48195 · | | 6 FT 2 FT | · | BIS(2-CHLOROISOPROPYL)8 BIS(2-CHLOROISOPROPYL)8 | | 108-60-1 108-60-1 | 660 760 | 660 ug/Kg 760 ug/Kg | |
| 48195 | 2 | 4 FT | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 | 790 | 790 ug/Kg | |
| 48295 | | | BH00104PE | BIS(2-CHLOROISOPROPYL) | THER | 108-60-1 | 740 | 740 ug/Kg | J Z |
| 48295 48295 | 2 4 | | | BIS(2-CHLOROISOPROPYL)8 BIS(2-CHLOROISOPROPYL)8 | | 108-60-1 | 770 | 770 ug/Kg | |
| 48395 | | | | BIS(2-CHLOROISOPROPYL) | | 108-60-1 108-60-1 | 790 660 | 790/ug/Kg 660/ug/Kg | |
| 48395 | 4 | 5 FT | BH00109PE | BIS(2-CHLOROISOPROPYL) | THER | 108-60-1 | 750 | 750 ug/Kg | U Z |
| 48395 41593 | | 2 FT 6 FT | | BIS(2-CHLOROISOPROPYL)B BIS(2-ETHYLHEXYL)PHTHAL | | 108-60-1 | 810 | 810 ug/Kg | |
| 42193 | 0 | SIFT | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 117-81-7 | 440 360 | 440 ug/Kg 45 ug/Kg | |
| 42293 | | | BH40253AE | BIS(2-ETHYLHEXYL)PHTHAL | ATE | 117-81-7 | 390 | 390 ug/Kg | |
| 42493 42493 | | 5 FT 7 IN | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 360 | 38 ug/Kg | |
| 42593 | | 7 IN 5 FT | | BIS(2-ETHYLHEXYL)PHTHAL BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 117-81-7 | 350 360 | 83 ug/Kg 360 ug/Kg | |
| 43393 | 0 | 5 FT | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 360 | 360 ug/Kg | |
| 43493 | | | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 370 | 370 ug/Kg | |
| 43493 43693 | | | ************************************** | BIS(2-ETHYLHEXYL)PHTHAL BIS(2-ETHYLHEXYL)PHTHAL | - | 117-81-7 117-81-7 | 380 360 | 380 ug/Kg 50 ug/Kg | |
| 46593 | | 7 FT | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 330 | 360 ug/Kg | |
| 46593 | | 8 IN | | BIS(2-ETHYLHEXYL)PHTHAL | <u>-</u> | 117-81-7 | 330 | 390 ug/Kg | |
| 46693 46793 | | | | BIS(2-ETHYLHEXYL)PHTHAL BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 117-81-7 | 330 330 | 380 ug/Kg 370 ug/Kg | |
| 46893 | | | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 330 | 370 ug/Kg | |
| 46993 | | | BH40810AE | BIS(2-ETHYLHEXYL)PHTHAL | ATE | 117-81-7 | 330 | 350 ug/Kg | J [V |
| 46993 47093 | | 6 IN 7 FT | | BIS(2-ETHYLHEXYL)PHTHAL BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 117-81-7 | 330 330 | 380 ug/Kg 1 | |
| 48195 | | 2 FT | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 760 | 350 ug/Kg 1 80 ug/Kg 1 | |
| 48195 | | | | BIS(2-ETHYLHEXYL)PHTHAL | ATE | 117-81-7 | 790 | 120 ug/Kg | 3J Z |
| 48195 48295 | | | | BIS(2-ETHYLHEXYL)PHTHAL BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 117-81-7 | 660 790 | 430 ug/Kg I 44 ug/Kg I | 3J Z |
| 48295 | | | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 790, | 68 ug/Kg | |
| 48295 | 0 | 2FT | BH00104PE | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 740 | 130 ug/Kg | |
| 48395 | | | | BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 | 660 | 39 ug/Kg I | |
| 48395 48395 | | | | BIS(2-ETHYLHEXYL)PHTHAL BIS(2-ETHYLHEXYL)PHTHAL | | 117-81-7 117-81-7 | 810; 750; | 59 ug/Kg I 88 ug/Kg I | |
| 05093 | | | | BROMODICHLOROMETHANE | | 75-27-4 | | 5 ug/Kg 1 | |
| 05093 | | | | BROMODICHLOROMETHANE | | 75-27-4 | 5 | 5 ug/Kg (| J V |
| 05193 05393 | | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | | 75-27-4 75-27-4 | 6 5 | 6 ug/Kg t 5 ug/Kg t | |
| 40093 | | | | BROMODICHLOROMETHANE | | 75-27-4 | 6 | 5 ug/Kg t | |
| 40093 | 4 | 5 FT | BH40169AE | BROMODICHLOROMETHANE | | 75-27-4 | 6 | 6 ug/Kg t | J İV |
| 40293 40393 | | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | | 75-27-4 | 6 | 6 ug/Kg l | |
| 40693 | | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | | 75-27-4 75-27-4 | 6 | 6 ug/Kg t | |
| 40793 | 5, | 6FT | BH40159AE | BROMODICHLOROMETHANE | | 75-27-4 | 6 | 6 ug/Kg l | J (V |
| 40793 40893 | | | | BROMODICHLOROMETHANE | | 75-27-4 | 32 | 32 ug/Kg l | |
| 40893 | | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | | 75-27-4 75-27-4 | 5 5 | 5 ug/Kg l 29 ug/Kg l | |
| 40993 | 5 | 6FT | BH40203AE | BROMODICHLOROMETHANE | | 75-27-4 | 5 | 5 ug/Kg t | |
| 40993 | 1 | | | BROMODICHLOROMETHANE | | 75-27-4 | 6 | 6 ug/Kg l | J V |
| 41193 | 1 | 2 FT | BH40050AE | BROMODICHLOROMETHANE | | 75-27-4 | 6; | 6 ug/Kg ∣l |) V |

| LOCATION | Incoru | neorul | UNIT | | | esults for Subsurface Soils Less Ti | han 6 Feet - Org | anics | - J | LAB RESULT | IVALIDATION |
|--------------------|--------|------------|----------------------|---------------|--|-------------------------------------|------------------|--------------|----------------|------------|-------------|
| CODE | START | END | CODE | SAMPLE NUMBER | Analyte | CAS NO | | | INITS | QUALIFIER | QUALIFIER |
| 41293 | 1 | 2 F | Τ. | BH40197AE | BROMODICHLOROMETHAN | E 75-27-4 | 28 | 28, | g/Kg | Ū | V |
| 41593 | 5 | 5 F | | | BROMODICHLOROMETHAN | | 5 | | g/Kg | | V |
| 41693 | 2 | | | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 5 | | g/Kg g/Kg | | iV IV |
| 41793 | 5 | | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | iv . |
| 41993 | . 2 | | | | BROMODICHLOROMETHAN | | 5 | 5 u | g/Kg | U | V |
| 41993 | 5 | | | | BROMODICHLOROMETHAN | | 5, | | g/Kg | | IV . |
| 42093 42193 | 1 1 | | | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 29 12 | | g/Kg g/Kg | | V V |
| 42293 | 4 | | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | · | J |
| 42393 | 1 | | | BH40262AE | BROMODICHLOROMETHAN | E 75-27-4 | 6 | 6 u | g/Kg | U | V |
| 42493 | 5 | | | | BROMODICHLOROMETHAN | | 5 | | g/Kg | | V |
| 42493 42593 | 5 | | | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 6 5 | | g/Kg g/Kg | <u> </u> | IV IV |
| 42993 | 1 | | | · | BROMODICHLOROMETHAN | | 5 | | g/Kg | | V |
| 42993 | 5 | 6:F | Т | BH40145AE | BROMODICHLOROMETHAN | E 75-27-4 | 6 | 6 u | g/Kg | Ü | ٧ |
| 43193 | 2 | | | | BROMODICHLOROMETHAN | | 11 | | g/Kg | | V |
| 43393 43393 | 5 | | | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 5 | | g/Kg g/Kg | | V |
| 43493 | 2 | | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | V |
| 43493 | 5 | 6 F | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | V |
| 43693 | 3 | 3 F | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | V |
| 43793 43793 | 1 5 | | PINALTY III MANAGAMA | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 5 | | g/Kg | | V |
| 43893 | 1 | ···· | | | BROMODICHLOROMETHAN | | 6 | | g/Kg g/Kg | | IV |
| 43993 | 5 | 5 F | Т | BH40355AE | BROMODICHLOROMETHAN | E 75-27-4 | 5 | | g/Kg | U | V |
| 43993 | 1 | | | | BROMODICHLOROMETHAN | | 6. | 6 u | g/Kg | U | V |
| 44093 44393 | 1 | 2 F | | | BROMODICHLOROMETHAN | | 12 | | g/Kg | | V |
| 44393 | 5 | | | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 12 | | g/Kg g/Kg | | V V |
| 44893 | 2 | | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | v |
| 45693 | 5 | 6 F | | | BROMODICHLOROMETHAN | | 6 | 6 u | g/Kg | U | V |
| 45693 45793 | 5 | 1 F | | | BROMODICHLOROMETHAN | | 7 | | g/Kg | | V |
| 45893 | 2 | 2 F | ~ | | BROMODICHLOROMETHAN BROMODICHLOROMETHAN | | 6 | | g/Kg g/Kg | | V V |
| 45893 | 5 | 5 F | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | V |
| 46193 | 0 | 1 F | | | BROMODICHLOROMETHAN | | 30 | | g/Kg | U | V |
| 46293 46593 | 2 | 3 F | | | BROMODICHLOROMETHANI | | 6 | | g/Kg | | <u>V</u> |
| 46693 | 1 | 2 F | | | BROMODICHLOROMETHANI BROMODICHLOROMETHANI | | 5 | | g/Kg g/Kg | | V V |
| 46793 | 1 | | | | BROMODICHLOROMETHAN | | 5 | | g/Kg | | V |
| 46893 | 1 | 2 F | | | BROMODICHLOROMETHAN | | 5 | 5 u | g/Kg | U | ٧ |
| 46993 48195 | 0 | 3 F 2 F | | | BROMODICHLOROMETHANI BROMODICHLOROMETHANI | | 5 | | g/Kg | | <u> </u> |
| 48195 | 2 | | | | BROMODICHLOROMETHAN | | 5 | | g/Kg g/Kg | | Z |
| 48195 | 4 | | | | BROMODICHLOROMETHAN | | 5 | | g/Kg | | Z |
| 48295 | 0 | 2 F | | | BROMODICHLOROMETHANI | | 5 | 5 ูบ | g/Kg | U | Z |
| 48295 48295 | 4 | 4\F 6 F | | | BROMODICHLOROMETHANI BROMODICHLOROMETHANI | | 5 | | g/Kg | | Z |
| 48395 | 0 | 2 F | | | BROMODICHLOROMETHAN | | 5 | | g/Kg g/Kg | | Z |
| 48395 | 4 | 5 F | | | BROMODICHLOROMETHANI | | 5 | | g/Kg | | Z |
| P208989 | 5, | 7,F | | | BROMODICHLOROMETHANI | | 6 | | g/Kg | | V |
| P209189 P209189 | 0 4 | 1 F 6 F | | | BROMODICHLOROMETHANI BROMODICHLOROMETHANI | | 6 | | g/Kg | | V |
| P209489 | 4 | 5,F | | | BROMODICHLOROMETHANI | | 5 | | g/Kg g/Kg | | V |
| P209489 | 0 | 1 F | | | BROMODICHLOROMETHAN | | 6 | | g/Kg | | V |
| P209889 | 0 | 2 F | | | BROMODICHLOROMETHANI | | 6 | | g/Kg | | Λ. |
| P209889 P210189 | 0 | 6 F 2 F | | | BROMODICHLOROMETHANI BROMODICHLOROMETHANI | | 650 | 6ju 650 u | g/Kg | | V A |
| P210189 | 5 | 7 F | | | BROMODICHLOROMETHANI | | 720 | 720 u | | | V |
| P210289 | 0 | 2 F | T | SEP3189BR0002 | BROMODICHLOROMETHAN | E 75-27-4 | 6 | 6 u | g/Kg | U | ٧ |
| P210289 | 4 | 5 F | | | BROMODICHLOROMETHANI BROMODICHLOROMETHANI | | 6 | | g/Kg | | V |
| SP0387 05093 | 1 | 4 F | | | BROMOFORM | 75-27-4 75-25-2 | 5 | | g/Kg g/Kg | | V |
| 05093 | 5 | 6!F | | | BROMOFORM | 75-25-2 | 5 | 5 u | g/Kg | Ŭ i | v V |
| 05193 | 1 | 1 F | Т | BH00067AE | BROMOFORM | 75-25-2 | 6: | 6 u | g/Kg | Ü | V |
| 05393 | 2 | 2 F | | | BROMOFORM | !75-25-2 !76-26-2 | 5 | | g/Kg | | V |
| 40093 40093 | 1 4 | 2 F 5 F | | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6 | | g/Kg g/Kg | | v v |
| 40293 | 2 | 2 F | | | BROMOFORM | 75-25-2 | 6 | | g/Kg | | Ÿ |
| 40393 | 2 | 2,F | T | BH40124AE | BROMOFORM | 75-25-2 | 6 | 6 u | g/Kg | U | V |
| 40693 | 1 | 2 F | | | BROMOFORM | 75-25-2 | 6 | | g/Kg | | V |
| 40793 40793 | 5 | 6;F 2 F | | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6 32 | 6 u | g/Kg g/Kg | U 11 | V V |
| 40893 | 4, | 5.F | | | BROMOFORM | 75-25-2 75-25-2 | 5 | | y/Kg | | v V |
| 40893 | 1 | 1 F | T | BH40031AE | BROMOFORM | 75-25-2 | 5 | 29 u | y/Kg | U | V |
| 40993 | 5 | 6:F | | | BROMOFORM | 75-25-2 | 5 | | y/Kg | | <u>v</u> |
| 40993 41193 | 1 | 2 F | | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6 | | y/Kg | | V V |
| 41293 | 1 | 2 F | | | BROMOFORM | 75-25-2 | 28 | 2811 | g/Kg | | v |
| 41593 | 5 | 5 F | T I | BH40211AE (| BROMOFORM | 75-25-2 | 5 | 5 u | /Kg | U | V |
| **** | . 2 | 2 F | | | BROMOFORM | 75-25-2 | 5 | | /Kg | | V |
| 41693 | | | | | | | | | | | |
| 41793 41793 | 2 5 | 3;F 6;F | | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5 6 | | y/Kg | | v v |

| (LOCATION DEPT | HI DEPTHI UNIT. | | oration Ponds AOC - Analytical Re | sults for Subsurface Soils Less Ti | | | PARIDECHITIVALIDAT |
|------------------------|--|-------------------------|-----------------------------------|------------------------------------|-------------|--------------------------------|--------------------|
| | T END CODE | | Analyte | CAS NO | | | CUALIFIER QUALIF |
| 41993 | 5 SFT | BH40064AE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg | υ <u> </u> V |
| | 1 2,FT 1 2,FT | ВН40484AE ВН40436AE | BROMOFORM | 75-25-2 75-25-2 | 29 | 29 ug/Kg | |
| | 4 4FT | βH40254AE | IBROMOFORM | 75-25-2 | 12 | 12 ug/Kg 1 6 ug/Kg 1 | |
| | 1 1FT | BH40262AE | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg I | U IV |
| | 5 5 FT 2 3 FT | BH40284AE BH40283AE | BROMOFORM | 75-25-2 75-25-2 | 5 | 5 ug/Kg I | |
| | 5 6 FT | 8H40292AE | BROMOFORM | 75-25-2 75-25-2 | 5 | 6 ug/Kg l 5 ug/Kg l | |
| 42993 | 1 2 FT | BH40143AE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg | |
| | 5 6FT | BH40145AE | BROMOFORM | 75-25-2 | 6 | 6¦ug/Kg ∫l | |
| | 2 2 FT 2 2 FT | BH40307AE BH40325AE | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 11 | 11 ug/Kg l 5 ug/Kg l | |
| 43393 | 5 6 FT | (BH40326AE | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg (| · |
| | 2 2 FT | BH40320AE | BROMOFORM | 75-25-2 | 6 | 6jug/Kg l | U JV |
| | 5 6 FT 3 3 FT | BH40321AE BH40341AE | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6 | 6 ug/Kg l | |
| | 1 1FT | BH40333AE | BROMOFORM | 75-25-2 | 5 | 6 ug/Kg l 5 ug/Kg l | |
| | 5 6 FT | BH40334AE | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg | |
| | 1 1/FT 5 5/FT | BH40071AE BH40355AE | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg ∶l | |
| | 1 1 FT | BH40354AE | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5 | 5 ug/Kg l 6 ug/Kg l | |
| 44093 | 1 2 FT | BH40349AE | BROMOFORM | 75-25-2 | 12 | 12 ug/Kg | |
| | 5 6FT | BH40035AE | BROMOFORM | 75-25-2 | 12 | 12 ug/Kg l | J įV |
| | 1 1 FT 2 2 FT | BH40034AE BH40190AE | BROMOFORM | 75-25-2 | 28 | 28 ug/Kg II | |
| | 2 2 F I 5 6 F T | BH40376AE | BROMOFORM | 75-25-2 75-25-2 | 6 | 6 ug/Kg L 6 ug/Kg L | |
| 45693 | 1 1 FT | BH40375AE | BROMOFORM | C 75-25-2 | 7 | 7 ug/Kg l | |
| | 5 6/FT | BH40560AE | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg ∫l | J V |
| | 2 2 FT 5 5 FT | BH40378AE BH40379AE | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6 | 6 ug/Kg !L | |
| | 0 1 FT . | BH40386AE | BROMOFORM | 75-25-2 | 6 30 | 6 ug/Kg L 30 ug/Kg L | |
| | 2 3 FT | BH40566AE | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg | |
| | 2 2 FT | BH40701AE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg L | |
| | 1 1 FT 1 2 FT | BH40716AE BH40730AE | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5 5 | 6 ug/Kg L | |
| | 1 2 FT | BH40744AE | BROMOFORM | 75-25-2 | 5 | 6 ug/Kg L 5 ug/Kg L | |
| | 3 3/FT | BH40758AE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg L | |
| | 2 FT 2 4 FT | BH00101PE BH00102PE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg L | |
| | 4) 6)FT | BH00102PE | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5 5 | 5 ug/Kg L | |
| 48295 | 2(FT | BH00104PE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg L 5 ug/Kg L | |
| | 2 4 FT | BH00105PE | BROMOFORM | 75-25-2 | 5 | 5 ug/Kg L | J Z |
| | 6 FT 2 FT | | BROMOFORM BROMOFORM | 75-25-2 | 5. | 5 ug/Kg L | |
| | 5 FT | · | BROMOFORM | 75-25-2 75-25-2 | 5 5, | 5 ug/Kg L 5 ug/Kg L | |
| | 7 FT | jSEP1789BR0406 | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg | |
| P209189 0 P209189 4 | | SEP1989BR0002 | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg U | J V |
| | 6 FT 5 FT | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6, | 6 ug/Kg L | |
| P209489 C | | | BROMOFORM | 75-25-2 | 5 6 | 5 ug/Kg U 6 ug/Kg U | |
| | 2 FT | | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg U | |
| P209889 4 | | | BROMOFORM BROMOFORM | 75-25-2 | 6 | 6 ug/Kg L | |
| P210189 5 | ************************************** | **** | BROMOFORM | 75-25-2 75-25-2 | 650 720 | 650 ug/Kg U 720 ug/Kg U | |
| P210289 0 | 2 FT | | BROMOFORM | 75-25-2 | 6 | 6 ug/Kg U | |
| SP0387 2 | | | BROMOFORM | 75-25-2 | | 25 ug/Kg (U | |
| 05393 2 40093 1 | 2 FT 2 FT | BH00077AE BH40168AE | BROMOMETHANE BROMOMETHANE | 74-83-9 | 10 | 10 ug/Kg U | |
| 40093 4 | 5FT | BH40169AE | BROMOMETHANE | 74-83-9 74-83-9 | 11 12 | 11 ug/Kg U 12 ug/Kg U | |
| 40293 2 | | BH40119AE | BROMOMETHANE | 74-83-9 | 12 | 12 ug/Kg U | IV IV |
| 40393 2 40693 1 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 12 | 12 ug/Kg U | V |
| 40793 5 | | | BROMOMETHANE | 74-83-9 | 13 12 | 13 ug/Kg U 12 ug/Kg U | |
| 40793 1 | 2 FT | BH40158AE | BROMOMETHANE | 74-83-9 | 64 | 64 ug/Kg U | |
| 40893 4 40893 1 | ÷ | | BROMOMETHANE | 74-83-9 | 10 | 11 ug/Kg U | iv |
| 40893 1 40993 1 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 11 | 58 ug/Kg U | |
| 40993 5 | 6 FT | BH40203AE | BROMOMETHANE | 74-83-9 | 11 | 11 ug/Kg U 11 ug/Kg U | |
| 41193 1 | | BH40050AE | BROMOMETHANE | 74-83-9 | 12 | 12 ug/Kg U | V |
| 41293 1 1 41593 5 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 | 56 | 56 ug/Kg U | |
| 41693 2 | | | BROMOMETHANE | 74-83-9 74-83-9 | 10 10 | 10 ug/Kg U 10 ug/Kg U | |
| 41793 2 | 3 FT | BH40244AE | BROMOMETHANE | 74-83-9 | 10 | 10 ug/Kg (U | |
| 41793 5 41993 2 | | | BROMOMETHANE | 74-83-9 | 11 | 11iug/Kg U | ĺV. |
| 41993 2 41993 5 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 11 | 11 ug/Kg U | |
| 42093 1 | 2 FT | | BROMOMETHANE | 74-83-9 | 1 1; 57; | 11 ug/Kg U 57 ug/Kg U | IV V |
| 42193 1 | | BH40436AE | BROMOMETHANE | 74-83-9 | 24 | 24 ug/Kg Ū | IV . |
| 42293 4 42393 1 | | | BROMOMETHANE | 74-83-9 | 11 | 11 ug/Kg U | |
| 42393 1 1 42493 5 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 12 | 12 ug/Kg U 11 ug/Kg U | |
| 42493 2 | 3FT | BH40283AE | BROMOMETHANE | 74-83-9 | 13 | 13 ug/Kg U | |
| 42593 5 42993 1 | | | BROMOMETHANE | 74-83-9 | 11 | 11 ug/Kg U | V |
| 42993 1 42993 5 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 | 10 ug/Kg U | |
| | · | | | 1/4-03-9 | 12 | 12 ug/Kg U | įV |

| LOCATION | Locomil | DEPTH | 1811 | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Resu | ilts for Subsurface Soils Less T | | | | | |
|--------------------|------------------|--------------|------|---|--|----------------------------------|--------------|--|------------------------|------------|-------------------|
| CODE | START | END | CODE | SAMPLE NUMBER | Analyte | CAS NO. | DETECTION | | UNITS | LAB RESULT | |
| 43193 | 2 | 2 | FY | (BH40307AE | BROMOMETHANE | 74-83-9 | 21 | | ug/Kg | | V |
| 43393 43393 | 5 | | | | IBROMOMETHANE IBROMOMETHANE | 74-83-9 74-83-0 | 11 | | ug/Kg | | V |
| 43493 | 2 | | | BH40320AE | BROMOMETHANE | 74-83-9 74-83-9 | 13 | · | ug/Kg ug/Kg | | V |
| 43493 | 5 | | | BH40321AE | BROMOMETHANE | 74-83-9 | 12 | 12 | ug/Kg | U | iV |
| 43693 43793 | ; 3 ¹ | | | BH40341AE BH40333AE | BROMOMETHANE | 74-83-9 | 11 | 11 | ug/Kg | U | V |
| 43793 | 5 | 6 | | ~ * ~~ ~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 11 | | ug/Kg ug/Kg | | V |
| 43893 | 1 | 1/1 | FT | | BROMOMETHANE | 74-83-9 | 12 | 12 | ug/Kg | Ü | V |
| 43993 | 1 | | | | BROMOMETHANE | 74-83-9 | 11 | 11 | ug/Kg | U | V |
| 43993 44093 | 5 | 5 I | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 11 23 | | ug/Kg | | V V |
| 44393 | 5 | 6 6 | | | BROMOMETHANE | 74-83-9 | 25 | | ug/Kg ug/Kg | | V |
| 44393 | 1 | | | BH40034AE | BROMOMETHANE | 74-83-9 | 57 | 57 | ug/Kg | U | V |
| 44893 45693 | 5 | 2 F | | | BROMOMETHANE BROMOMETHANE | 74-83-9 | 11 | | ug/Kg | | V |
| 45693 | 1 | 1 1 | | | BROMOMETHANE | 74-83-9 74-83-9 | 12 | | ug/Kg i ug/Kg i | | V V |
| 45793 | 5 | 6:1 | | BH40560AE | BROMOMETHANE | 74-83-9 | 11 | ···· | ug/Kg | | v |
| 45893 45893 | 2 | 2 1 | | | BROMOMETHANE | 74-83-9 | 12 | 12 | ug/Kg | U | V |
| 46193 | 5 | 5) F | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 12 | | ug/Kg | | V |
| 46293 | 2 | 3 F | | | BROMOMETHANE | 74-83-9 | 13 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ug/Kg ug/Kg | | <u>v</u> v |
| 46593 | 2 | 21 | | BH40701AE | BROMOMETHANE | 74-83-9 | 10 | | ug/Kg | | v |
| 46693 46793 | 1 1 | 1 F | | | BROMOMETHANE | 74-83-9 | 10 | 13 | ⊔g/Kg | U | V |
| 46893 | 11 | 2(F | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 10 | | ug/Kg ug/Kg | | V |
| 46993 | 3 | 3 F | | | BROMOMETHANE | 174-83-9 | 10 | | ug/Kg ug/Kg | | <u>v</u> V |
| 48195 | 0 | 2 F | | BH00101PE | BROMOMETHANE | 74-83-9 | 10 | 10 | ug/Kg | U | Z |
| 48195 48195 | 2 | 4 F | | | BROMOMETHANE | 74-83-9 | 10 | 10) | ug/Kg | Ü | Z |
| 48295 | 0 | 6 F | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 | | .g/Kg l | | <u>Z</u> |
| 48295` | 2 | 4 F | | | BROMOMETHANE | 74-83-9 | 10 | | ug/Kg il | | Z Z |
| 48295 | 4′ | 6 F | | | BROMOMETHANE | 74-83-9 | 10 | 10 | ıg/Kg l | Ū | Z |
| 48395 48395 | 0 | 2 F 5 F | | | BROMOMETHANE | 74-83-9 | .10 | 10 1 | ıg/Kg | J ì | Z |
| P208989 | 5 | 5,r 7,F | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 12 | | ıg/Kg l | | <u>Z</u> |
| P209189 | 0, | 1 F | | | BROMOMETHANE | 74-83-9 | 12 | | ig/Kg | | <u>v</u> V |
| P209189 | 4 | 6 F | | | BROMOMETHANE | 74-83-9 | 12 | | ıg/Kg I | | · |
| P209489 P209489 | 0 | 1 F | | | BROMOMETHANE | 74-83-9 | 11 | | ıg/Kg ∫l | | V |
| P209889 | 0 | 2 F | | ··· | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 11 | | ug/Kg l ug/Kg l | | V V |
| P209889 | 4 | 6 F | | | BROMOMETHANE | 74-83-9 | 12 | | ıg/Kg I | | V |
| P210189 | 0 | 2;F | | | BROMOMETHANE | 74-83-9 | 1300 | 1300 | ıg/Kg ∣l | J | A |
| P210189 P210289 | 5. | 7 F | | | BROMOMETHANE BROMOMETHANE | 74-83-9 | 1400 | | ıg/Kg ∣l | | V |
| P210289 | 4 | 5 F | | | BROMOMETHANE | 74-83-9 74-83-9 | 12 12 | | ıg/Kg l ıg/Kg l | | V V |
| SP0387 | 2 | 4 F | | SP038702DH | BROMOMETHANE | 74-83-9 | | | ig/Kg (| | <u> </u> |
| 48195 48195 | 4 | 6 F | | | BUTYL BENZYL PHTHALATE | 85-68-7 | 660 | 29 ເ | ıg/Kg ∣E | 3J i | Z |
| 48195 | 2 | 4!F | | | BUTYL BENZYL PHTHALATE BUTYL BENZYL PHTHALATE | 85-68-7 85-68-7 | 790 | | ig/Kg E | | <u>Z</u> |
| 48295 | . 4, | 6 F | | | BUTYL BENZYL PHTHALATE | 85-68-7 | 760 790 | | ig/Kg E ig/Kg . | | Z Z |
| 48295 | 2 | 4 F | | BH00105PE | BUTYL BENZYL PHTHALATE | 85-68-7 | 770 | | ıg/Kg E | | z z |
| 48295 48395 | 0 | 2 F | | | BUTYL BENZYL PHTHALATE | 85-68-7 | 740 | 57 _[t | ig/Kg E | 3J | Z |
| 48395 | 2 | 4!F | | | BUTYL BENZYL PHTHALATE BUTYL BENZYL PHTHALATE | 85-68-7 85-68-7 | 810 660 | | ig/Kg E | | <u>z</u> |
| 48395 | 4 | 5.F | | | BUTYL BENZYL PHTHALATE | 85-68-7 | 750 | | ig/Kg L ig/Kg L | | Z 7 |
| 41593 | 4 | 6¦F | | BH40419AE | BUTYL BENZYLPHTHALATE | 85-68-7 | 440 | | g/Kg (| | |
| 42193 : 42293 : | 0 1 | 5;F 6⊦F | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 360 | 360 L | ıg/Kg ∫L | J [V | / |
| 42493 | 5 | 7 11 | | | BUTYL BENZYLPHTHALATE BUTYL BENZYLPHTHALATE | 85-68-7 85-68-7 | 390 350 | | g/Kg ∣l g/Kg ∣l | | |
| 42493 | 0 | 5'F | T | BH40440AE | BUTYL BENZYLPHTHALATE | 85-68-7 | 360 | 360 L | a/Ka L | J IV | |
| 42593 | 0 | 5.F | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 360 | 360 L | g/Kg L | J i | 7 |
| 43393 43493 | 5 | 5 F 10 F | | | BUTYL BENZYLPHTHALATE BUTYL BENZYLPHTHALATE | 85-68-7 | 360 | 360 L | g/Kg L |) | |
| 43493 | <u>, o</u> | 5 F | | | BUTYL BENZYLPHTHALATE | 85-68-7 85-68-7 | 370 380 | | g/Kg (g/Kg (| | |
| 43693 | 0 | 5 F | T | BH40520AE | BUTYL BENZYLPHTHALATE | 85-68-7 | 360 | | g/Kg L | | |
| 46593 | 11 | 7/F | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | 360 u | g/Kg L | J \ | / |
| 46593 46693 | 7 | 8;11 7(F | | | BUTYL BENZYLPHTHALATE BUTYL BENZYLPHTHALATE | 85-68-7 85-68-7 | 330 | 390 0 | g/Kg L | J | |
| 46793 | 0 | 6,F | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | 380 0 | g/Kg L g/Kg L | J · \ | |
| 46893 | O, | 7 F | 7 | BH40804AE | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | | g/Kg L | | |
| 46993 46993 | 1 | 5 F | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | 350 u | g/Kg L |) i\ | , |
| 47093 | 10 | 16]IN 7 F | | | BUTYL BENZYLPHTHALATE BUTYL BENZYLPHTHALATE | 85-68-7 85-68-7 | 330; 330; | | g/Kg L | | |
| 41593 | 4 | 6 F | | | CARBAZOLE | 86-74-8 | 440 | | g/Kg L g/Kg L | | |
| 42493 | 5 | 7 11 | 1 | SS40083AE (| CARBAZOLE | 86-74-8 | 350 | | g/Kg iL | | |
| 42593 48195 | 0) | 5 F | | | CARBAZOLE | 86-74-8 | 360 | 360 u | g/Kg L | į į\ | / |
| 48195 | 4 0 | 6 F | | | CARBAZOLE CARBAZOLE | 86-74-8 | 660 760 | | g/Kg L | | |
| 48195 | 2 | 4 F | | | CARBAZOLE | 86-74-8 | 760, 790 | | g/Kg L g/Kg L | | 7 |
| 48295 | 0, | 2 F | T i | BH00104PE (| CARBAZOLE | 86-74-8 | 740 | | g/Kg U | | |
| 48295 | 2 | 4)F | | | CARBAZOLE | 86-74-8 | 770 | 770 u | g/Kg L | | Z |
| 48395 | 4: | 4 F | | | CARBAZOLE CARBAZOLE | 86-74-8 86-74-8 | 790) 660) | | g/Kg U | | |
| 48395 | 4 | 5 F | | | CARBAZOLE | 86-74-8 | 750 | | g/Kg U g/Kg U | | 2 |
| | | | | | | | | | | | |

| | | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Th | | | | |
|---------------------|-------------|--------------|------------------------|--|---------------------|--------------------|------------------------------|------|-------------------------|
| LOCATION | DEPTH DEPTH | CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION LIMIT | RESULT UNITS | | VALIDATION QUALIFIER |
| 48395 | | 2:FT | BH00107PE | CARBAZOLE | 86-74-8 | 810 | | | Z |
| 05093 | 1 | 2 FT | BH00062AE | CARBON DISULFIDE | 75-15-0 | 5 | 5 5 ug/Kg | U | V |
| 05093 | | 6 FT 1 FT | 18H00063AE | CARBON DISULFIDE | 75-15-0 | 5 | | | V |
| 05193 05393 | | 2 FT | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | . 6 | | | V V |
| 40093 | | 2 FT | BH40168AE | CARBON DISULFIDE | 75-15-0 | E | | | V |
| 40093 | | 5 FT | BH40169AE | CARBON DISULFIDE | 75-15-0 | (| 6 ug/Kg | U | V |
| 40293 40393 | | 2 FT 2 FT | BH40119AE BH40124AE | CARBON DISULFIDE | 75-15-0 75-15-0 | . 6 | | | V V |
| 40693 | | 2 FT | | CARBON DISULFIDE | 75-15-0 | - | | | V |
| 40793 | 5 | 6FT | BH40159AE | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | V |
| 40793 | | 2 FT | BH40158AE | CARBON DISULFIDE | 75-15-0 | 32 | | | V |
| 40893 40893 | | 5 FT 1 FT | BH40032AE BH40031AE | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5 | | | V V |
| 40993 | | 6 FT | BH40203AE | CARBON DISULFIDE | 75-15-0 | 5 | | | · |
| 40993 | | 2FT | BH40202AE | | 75-15-0 | 6 | 6 ug/Kg | U | ٧ |
| 41193 41293 | | 2 FT 2 FT | | CARBON DISULFIDE | 75-15-0 | - 6 | | | ٧ |
| 41293 | | 2 F1 5 FT | BH40197AE BH40211AE | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | | | | V V |
| 41693 | | 2FT | BH40218AE | CARBON DISULFIDE | 75-15-0 | 5 | | | V |
| 41793 | | 3 FT | | | 75-15-0 | 5 | 5:ug/Kg | U | V |
| 41793 41993 | | 6 FT 2 FT | BH40245AE BH40063AE | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| 41993 | | 2 F1 5 FT | | | 75-15-0 75-15-0 | 5 | | | v v |
| 42093 | 1] : | 2 FT | BH40484AE | CARBON DISULFIDE | 75-15-0 | 29 | | | V |
| 42193 | | 2iFT | | CARBON DISULFIDE | 75-15-0 | 12 | 12 ug/Kg | U | V |
| 42293 42393 | | 4FT NFT | BH40254AE BH40262AE | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 6 | | | J V |
| 42493 | 5 5 | 5FT | BH40284AE | CARBON DISULFIDE | 75-15-0 75-15-0 | 6 | | | v v |
| 42493 | 2 : | 3 FT | BH40283AE | CARBON DISULFIDE | 75-15-0 | 6 | | | · |
| 42593 | | FT | BH40292AE | | 75-15-0 | 5 | | | V |
| 42993 42993 | | | | | 75-15-0 75-15-0 | 5 6 | | | <u>v</u> |
| 43193 | | 2(FT | | CARBON DISULFIDE | 75-15-0 | 11 | | | <u>v</u> |
| 43393 | 2 2 | 2 FT | BH40325AE | CARBON DISULFIDE | 75-15-0 | 5 | | | · V |
| 43393 43493 | | FT | | | 75-15-0 | 6 | | | V |
| 43493 | | | | | 75-15-0 75-15-0 | 6 | | | V V |
| 43693 | | | | | 75-15-0 | 6 | | | <u>v</u> |
| 43793 | | | | CARBON DISULFIDE | 75-15-0 | 5 | 5 ug/Kg | | V |
| 43793 43893 | | | | | 75-15-0 | 6 | | | <u>V</u> |
| 43993 | | I)FT 5:FT | | | 75-15-0 75-15-0 | . 5 | | | v V |
| 43993 | | FT | | | 75-15-0 | 6 | | | V |
| 44093 | | FT | | | 75-15-0 | 12 | 12 ug/Kg | U | V |
| 44393 44393 | | iFT IFT | | | 75-15-0 75-15-0 | 12 28 | | | <u>V</u> |
| 44893 | | FT | | | 75-15-0 | 6 | | | <u>v</u> v |
| 45693 | 5 6 | | BH40376AE | | 75-15-0 | 6 | | | · |
| 45693 | | | | | 75-15-0 | 7 | | | V |
| 45793 45893 | | | | | 75-15-0 75-15-0 | 6 | | | <u>v</u> v |
| 45893 | | FT | | | 75-15-0 | 6 | | | <u>v</u> V |
| 46193 | | | BH40386AE | CARBON DISULFIDE | 75-15-0 | 30 | | | v v |
| 46293 46593 | | | | | 75-15-0 | 6 | | | V |
| 46693 | | | | | 75-15-0 75-15-0 | 5 5 | | | <u>v</u> |
| 46793 | | | | 0.000.00.00.00.00.00.00.00.00.00.00.00. | 75-15-0 | 5 | 6 ug/Kg | ···· | |
| 46893 | | | BH40744AE | CARBON DISULFIDE | 75-15-0 | 5 | 5 ug/Kg | U j | V |
| 46993 48195 | | | | | 75-15-0 75-15-0 | 5 | | | <u>v</u> |
| 48195 | | | | | 75-15-0 75-15-0 | 5 5 | | Ü | Z Z |
| 48195 | 4 6 | | | CARBON DISULFIDE | 75-15-0 | 5 | 5 ug/Kg | | Z |
| 48295 48295 | | | | | 75-15-0 | 5 | | | Z |
| 48295 | | | | | 75-15-0 75-15-0 | 5 5 | | | Z Z |
| 48395 | | | | | 75-15-0 | 5 | | | <u>z</u> |
| 48395 | | | | | 75-15-0 | 5 | 5 ug/Kg l | | Z |
| P208989 P209189 | | | | | 75-15-0 | 6 | | | v |
| P209189 | | | | | 75-15-0 75-15-0 | 6 | | | |
| 209489 | 4 5 | FT | SEP2289BR0406 | CARBON DISULFIDE | 75-15-0 | 5 | | | |
| 209489 | | | | | 75-15-0 | 6 | 6iug/Kg il | U N | V |
| P209889 | | | | | 75-15-0 75-15-0 | 6 | | | |
| 210189 | | | | | 75-15-0 | 650 | 6 ug/Kg 1 650 ug/Kg 1 | | |
| 210189 | 5 7 | FT | SEP3089BR0406 | CARBON DISULFIDE | 75-15-0 | 720 | | | |
| 210289 | | | | | 75-15-0 | 6 | 6 ug/Kg l | ١! ل | |
| P210289 SP0387 | | | | | 75-15-0 75-15-0 | 6 | | | <u>/</u> |
| | | | | | 56-23-5 | 5 | 25 ug/Kg l 5 ug/Kg i | | / |
| 5093 | | 1: | | | | | | | |
| 05093 05093 | 5 6 | FT | BH00063AE | CARBON TETRACHLORIDE | 56-23-5 | 5 | 5 ug/Kg l | | |
| 5093 | 5 6 1 1 | FT FT | BH00063AE (| CARBON TETRACHLORIDE CARBON TETRACHLORIDE | | 5 6 5 | 5 ug/Kg l 6 ug/Kg l | ۱۱ آ | / |

| CODE STATE SAME SAME ASAMED CARRY | LOCATION | IDEPTHI | DEPTH! UNIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurfac | o Soils Less Th | an 6 Feet - On | | | LAB RESULT | VALIDATION |
|--|----------------|-------------|--|---|---|-----------------|---|-------------|-----------|------------|------------|
| 1.597 | | | | SAMPLE NUMBER | Analyte | CAS NO | | | | | QUALIFIER |
| CORPORT CORPORATION CORP | 40093 | 4 | | | CARBON TETRACHLORIDE | 56-23-5 | · ···································· | 6 | ug/Kg | Ü | V |
| 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | |
| 9796 9 6 FF BH0956C CARDON TERROLOGICE 85-23 0 6 10 Mg U V V V V V V V V V V V V V V V V V V | | | | | | ~ | | | | | |
| 1 277 BH401566E CARRON TETROCHOCKS 56.24 5 5 5 5 5 5 5 5 5 | 40793 | | | | | | | | | | |
| 1 | 40793 | | | | | | | 32 | ug/Kg | U | |
| 1999 1 | | | | | | | | | | | |
| 1 2 FT | | | | | | | | | | | |
| 1198 | 40993 | | | | | | | | | | |
| 1990 S S T | 41193 | | | | | | | | | | L |
| 14983 2 2 FT BHAGSTARE CARRON TETRACHORDE 56-23-5 5 SUPRIG U V V V V V V V V V | | | | | | | | · | | | |
| 1798 2 3 PT | 41693 | | | | | | | | | | |
| 1990 2 2 FF | 41793 | | | | CARBON TETRACHLORIDE | | | | | | |
| 1993 9 SFT BHADDARE CARBON TETRACHONDE 56-25-5 22 2019/6 U V V V V V V V V V | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 12 PT | 42093 | | | | | | | | | | |
| 11 IFT | 42193 | 1 | | BH40436AE | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 56-23-5 | 12 | 12 | | | |
| 12493 S S S S S S S S S | | | | | | | | | | | |
| 2293 2 3 FT 9HA0228AE CARBON TETRACH, CONDE 58-23-5 6 5,0076, U V V V V V V V V V | | | | | | | | | | | |
| 1599 5 6 FT 19H40232E CARBON TETRACH, ONDE 56-23-5 5 5, 0076, U V V V V V V V V V | 42493 | 2 | | | | | | <u></u> | | ~ | |
| 1 2 FT BH01943E CARBON TETRACHIONIDE 56-23-5 5 5 5 5 5 5 5 5 5 | 42593 | 5 | 6 FT | BH40292AE | CARBON TETRACHLORIDE | | | | | | |
| 13193 | 42993 | | | BH40143AE | CARBON TETRACHLORIDE | 56-23-5 | 5 | . 5 | ug/Kg | U | V |
| 13393 2 | | | | | | | | | | | |
| 19393 5 6 FT BH40326AE CARBON TETRACHIORIDE 56:23-5 6 6 6 6 7 1 1 1 1 1 1 1 1 1 | 43193 43393 | | | | | | | | | | |
| 1949 2 2 2 FFT | 43393 | | | · | | | | | | | |
| 1989 3 3 FT BH40331AE CARBON TETRACHCRIDE 56:23-5 6 6:100*Kg U V V V V V V V V V | 43493 | | | | | | | | | | ··· |
| 1 | | 5 | | | | | | | | | |
| 19393 5 6 FT | | | | | | | | | | | |
| 1 | 43793 | | | | | | | | | | |
| 1 | 43893 | | | | | 56-23-5 | | | | | |
| 1 | | | ······································ | | | | | | | | |
| Magna S. 6 FT B M003SAE CARBON TETRACHLORIDE 56-23-5 12 12 07Kg U V Wash 1 1 FT B M003AE CARBON TETRACHLORIDE 56-23-5 28 28 07Kg U V Wash 2 2 2 FT B M0190AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0190AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 6 00 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 00 20 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 6 00 20 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 5 50 20 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 5 50 20 Kg U V Wash 2 2 2 FT B M0197AE CARBON TETRACHLORIDE 56-23-5 5 50 20 Kg U V Wash 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | |
| 14993 | 44393 | | | ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | |
| September Sept | 44393 | | | | | 56-23-5 | 28 | 28 | | | |
| 1 | | | | | | | | | | | |
| Section Sect | | | | | | | | | | | |
| 1993 2 2 FT BH4073PAE CARBON TETRACH-LORIDE 56-23-5 6 6 6 6 6 6 6 6 6 | 45793 | | | | | | | | | | |
| 16193 0 | 45893 | | | | | 56-23-5 | 6 | 6 | | | |
| 16293 2 3 FT BH40596AE CARBON TETRACH-LORIDE 56-22-5 5 51.95/6 U V V V V V V V V V | | | | | | | | | | | |
| 16993 2 2 FT | | | | | | | | | | | |
| 1 | 16593 | | | | | | | | | | |
| 1 | 16693 | | | ~ | | | 5 | 6 | ug/Kg I | J | V |
| 18993 3 3 FT BH40758AE CARBON TETRACHLORIDE 56-23-5 5 5 ug/Kg U V V V V V V V V V | | | | | | | | | | | |
| B195 | | | | | | | | | | | |
| 18195 2 | 18195· | | | ~ | | | | | | | |
| 18295 0 2 FT | 8195 | · | | | | | | 5 | | | |
| 18295 | | 4 | | 12 | | | | | | | |
| 18295 | 8295 | 2 | | | | | 5 | | | | |
| Section Sect | 8295 | 4 | 6 FT | BH00106PE | CARBON TETRACHLORIDE | 56-23-5 | 5 | | | | |
| 208989 S | | | | | | | | 5) | ug/Kg l | J | |
| P209189 | | | | | | | | | | | |
| P209189 | 209189 | | | | | | | | | | |
| Page | 209189 | 4 | 6FT | SEP1989BR0406 | CARBON TETRACHLORIDE | 56-23-5 | | 6 | ug/Kg | Į į | |
| Page | | | | | | | 5 | 5)1 | ug/Kg l | ا ل | V |
| Page | | | | | | | | | | | |
| 2210189 O 2 FT SEP3089BR0002 CARBONTETRACHLORIDE S5-23-5 650 650 Ug/Kg U IA | 209889 | | | | | | | | | | |
| Page | 210189 | | | SEP3089BR0002 | CARBON TETRACHLORIDE | 56-23-5 | 650 | 650 | ug/Kg ∫t | . [| A |
| 2210289 4 5 FT SEP3189BR0406 CARBON TETRACHLORIDE 55-23-5 6 6 lug/Kg U V V V V V V V V V | | | | | | | | 720, | ug/Kg l | ן ' | |
| PO387 2 4 FT SP038702DH CARBON TETRACHLORIDE 56-23-5 25 ug/Kg U SP0387 2 4 FT SP038702DH CHLORDANE 57-74-9 20 20 ug/Kg U SP038702DH CHLORDANE 57-74-9 20 20 ug/Kg U SP038702DH SP038702DH CHLOROBENZENE 108-90-7 5 5 ug/Kg U V SP038 1 2 FT BH00063AE CHLOROBENZENE 108-90-7 5 5 ug/Kg U V SP038 1 1 FT BH00067AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP038 2 2 FT BH00077AE CHLOROBENZENE 108-90-7 5 5 ug/Kg U V SP038 2 2 FT BH00077AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP038 4 5 FT BH40168AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP038 4 5 FT BH40169AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP039 2 2 FT BH40119AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP039 2 2 FT BH40124AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP039 2 2 FT BH40151AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP039 2 2 FT BH40151AE CHLOROBENZENE 108-90-7 6 6 ug/Kg U V SP039 U V U V SP039 U V U U U U U U U U | 210289 | | | | | | | 6 0 | ug/Kg l | <u> </u> | |
| SP0387 2 4 FT SP038702DH CHLORDANE 57-74-9 20 20 20 20 20 20 20 2 | P0387 | 2 | | | | | | | | | <u>·</u> |
| Section Sect | P0387 | | | SP038702DH | CHLORDANE | 57-74-9 | | 20 1 | ug/Kg (l | J | |
| 1 | | | | | | | | | | | |
| Section Sect | 5193 | | | | | | | | | | |
| 1 2 FT BH40168AE CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V | 5393 | | | | | | | | | | |
| O293 2 2 FT BH40119AE CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V O393 2 2 FT BH40124AE CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V O693 1 2 FT BH40151AE CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE 108-90-7 6 6 Ug/Kg U V V O693 CHLOROBENZENE U U V U V U U V U U | 0093 | | | BH40168AE | CHLOROBENZENE | 108-90-7 | 6 | 6)ι | Jg/Kg l | ין נ | v |
| 0393 2 2 FT BH40124AE CHLOROBENZENE 108-90-7 6 6 GLUg/Kg U V 0693 1 2 FT BH40151AE CHLOROBENZENE 108-90-7 6 6 GLUg/Kg U V | | | | | | | | | | | |
| 0693 1! 2 FT BH40151AE CHLOROBENZENE 108-90-7 6 6 6 ug/Kg U V | 0393 | | | | | | | | | | |
| | 0693 | | | BH40151AE | | | | | | | |
| | 0793 | | | | | | | | | | |



| | | 11. 200 m 10 9 | | ration Ponds AOC - Analytical Results for S | | | | | |
|--------------------|-------------|---------------------------|-------------------------|---|----------------------|------------|--------------------------------|---------------|----------------------|
| CODE | START END | CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION | RESULT UNITS | LAB RESULT | VALIDATION QUALIFIER |
| 40793 | | 2.FT | BH40158AE | CHLOROBENZENE | 108-90-7 | 32 | 32 ug/Kg | Ü | V |
| 40893 | | 5;FT 1;FT | BH40032AE BH40031AE | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5 | | | <u>v</u> v |
| 40993 | 5 (| 6 FT | | CHLOROBENZENE | 108-90-7 | 5 | | | v |
| 40993 | | 2 FT 2 FT | BH40202AE BH40050AE | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 | | | V |
| 41293 | | 2 FT | | CHLOROBENZENE | 108-90-7 | 28 | | | <u>v</u> |
| 41593 | | 5!FT | | CHLOROBENZENE | 108-90-7 | . 5 | 5 ug/Kg | U | V |
| 41693 | | 2¦FT 3 FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 108-90-7 | 5 | | | v v |
| 41793 | 5 6 | 6FT | IBH40245AE | CHLOROBENZENE | 108-90-7 | 6 | | | v v |
| 41993 | | 2 FT 5 FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5 | | | V |
| 42093 | | 2 FT | | CHLOROBENZENE | 108-90-7 | 29 | | | V V |
| 42193 | | 2:FT | | CHLOROBENZENE | 108-90-7 | 12 | 12 ug/Kg | Ú i | V |
| 42293 42393 | | 4∣FT 1∣FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 108-90-7 | . 6 ! 6 | | | Λ 1 |
| 42493 | 5 5 | 5¦FT | BH40284AE | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg | Ŭ ! | V |
| 42493 | | 3 FT 5 FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5 | | | V |
| 42993 | | 2 FT | | CHLOROBENZENE | 108-90-7 108-90-7 | 5 | | | v V |
| 42993 | |)FT | | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg | U | V |
| 43193 43393 | | 2 FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 11 5 | | | <u>v</u> |
| 43393 | 5 6 | 3 FT | BH40326AE | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg | Ú į | V |
| 43493 43493 | | NFT NFT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 108-90-7 | 6, | | | V |
| 43693 | | 3 FT | BH40341AE | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg 6 ug/Kg | ······ | V V |
| 43793 43793 | 1 1 | FT | BH40333AE | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg | U I | V |
| 43793 | ···· | SIFT IIFT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | [6 6 | 6 ug/Kg 6 ug/Kg | | v V |
| 43993 | 5, 5 | FT | BH40355AE | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg | U | V |
| 43993 | | i}FT 2FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 12 | 6 ug/Kg | | V |
| 44393 | | FT | | CHLOROBENZENE | 108-90-7 | 12 | 12 ug/Kg 1 12 ug/Kg 1 | | v V |
| 44393 44893 | | FT | | CHLOROBENZENE | 108-90-7 | 28 | 28 ug/Kg I | U | V |
| 45693 | | FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 6 | 6jug/Kg it 6jug/Kg it | | <u>v</u> |
| 45693 | 1 1 1 | FT | BH40375AE | CHLOROBENZENE | 108-90-7 | 7: | | | V |
| 45793 45893 | | FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg I | | <u>v</u> |
| 45893 | 5 5 | FT | | CHLOROBENZENE | 108-90-7 | 6 | 6jug/Kg l | | |
| 46193 46293 | | IFT IFT | | CHLOROBENZENE | 108-90-7 | 30 | 30;ug/Kg l | | |
| 46593 | | FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 5 | 6 ug/Kg t 5 ug/Kg t | | |
| 46693 | | IFT | | CHLOROBENZENE | 108-90-7 | 5 | 6 ug/Kg | J į | V |
| 46793 46893 | | FT FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5 5 | 6 ug/Kg l 5 ug/Kg l | | |
| 46993 | 3 3 | FT | BH40758AE | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg | | |
| 48195 48195 | | IFT IFT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg [l | | Z |
| 48195 | | | | CHLOROBENZENE | 108-90-7 | 5 5 | 5jug/Kg l 5jug/Kg l | | <u>Z</u> Z |
| 48295 | | FT | | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg l | J | Z |
| 48295 48295 | | FT | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 108-90-7 | 5 5 | 5 ug/Kg l 5 ug/Kg l | | Z |
| 48395 | 0 2 | FT | BH00107PE | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg | | Z |
| 48395 P208989 | | FT | | CHLOROBENZENE | 108-90-7 | 5 | 5 ug/Kg | | |
| P209189 | | | SEP1989BR0002 | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg l 6 ug/Kg l | | |
| P209189 P209489 | | | | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg l | ין נ | / |
| P209489 P209489 | | | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5 6 | 5 ug/Kg l 6 ug/Kg l | | |
| P209889 | 0 2 | FT | SEP2689BR0002 | CHLOROBENZENE | 108-90-7 | 6 | 6jug/Kg il | J N | 7 |
| P209889 P210189 | | | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 650 | 6jug/Kg it | | |
| P210189 | 5 7 | FT | SEP3089BR0406 | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 720 | 650 ug/Kg l 720 ug/Kg l | | |
| P210289 P210289 | | | | CHLOROBENZENE | 108-90-7 | 6, | 6 ug/Kg ∣l | ١١ ل | / |
| SP0387 | | | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg l 25 ug/Kg l | | / |
| 05093 | 1 2 | FT | BH00062AE | CHLOROETHANE | 75-00-3 | 11 | 11 ug/Kg l |) <u> </u> \ | |
| 05093 05193 | | | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 11 | 11 ug/Kg L 11 ug/Kg L | | |
| Q5393 · | 2 2 | FT | BH00077AE | CHLOROETHANE | 75-00-3 | 10 | 10 ug/Kg l | J :\ | |
| 40093 40093 | | | | CHLOROETHANE | 75-00-3 | 11 | 11 ug/Kg L |) <u> </u> | / |
| 40093 | | | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 12 | 12 ug/Kg L 12 ug/Kg L | | |
| 40393 | 2 2 | FT | BH40124AE (| CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg L | J ;\ | / |
| 40693 40793 | | | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 13 12 | 13 ug/Kg L 12 ug/Kg L | | |
| 40793 | 1 2 | FT | BH40158AE (| CHLOROETHANE | 75-00-3 | 64 | 64 ug/Kg L | | |
| 40893 40893 | | | | CHLOROETHANE | 75-00-3 | 10 | 11lug/Kg il | <i>j</i> / | / |
| 40993 | 1 2 | | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 10 11 | 58 ug/Kg L 11 ug/Kg L | J (\) | |
| 40993 | 5 6 | FT | BH40203AE | HLOROETHANE | 75-00-3 | 11 | 11lug/Kg L | 1 1/ | / |
| 41193 | 1 2 | FT | BH40050AE (| CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg L | 1 | / |

| LOCATION | DEPTH | DEPTH | | Table A.7 Solar Evapo | ration Ponds AOC • / | Analytical Results for Subsurface | | | anics | I AR RESILLT | IVAUDATION |
|--------------------|-------|---|------|------------------------|------------------------------|-----------------------------------|--------------------|----------|--------------------------------|--------------|----------------|
| CODE | START | END | CODE | SAMPLE NUMBER | | Analyte | CAS NO | | RESULT UNITS | | |
| 41293 | 1 | | | BH40197AE | CHLOROETHANE | | 75-00-3 | 56 | 56 ug/Kg | Ü | V |
| 41593 | 5 | | FT. | | CHLOROETHANE | · | 75-00-3 | 10 | | | IV |
| 41693 41793 | 2 | | | BH40218AE BH40244AE | CHLOROETHANE CHLOROETHANE | | 75-00-3 | 10 | | | IV |
| 41793 | 5 | | | BH40245AE | CHLOROETHANE | | 75-00-3 75-00-3 | 10 11 | | | IV IV |
| 41993 | 2 | | | BH40063AE | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| 41993 | 5 | | | BH40064AE | CHLOROETHANE | | 75-00-3 | 11 | | | İV |
| 42093 | 1 | 2 | | BH40484AE | CHLOROETHANE | | 75-00-3 | 57 | | | v |
| 42193 | 1 | | | BH40436AE | CHLOROETHANE | | 75-00-3 | 24 | | | V |
| 42293 | 4 | *************************************** | | BH40254AE | CHLOROETHANE | | 75-00-3 | 11 | | | J |
| 42393 | 1 1 | | | BH40262AE | CHLOROETHANE | | 75-00-3 | 12 | | | V |
| 42493 42493 | 5 | | FT | BH40284AE BH40283AE | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| 42593 | 5, | | | BH40292AE | CHLOROETHANE | | 75-00-3 75-00-3 | 13 11 | | | IV IV |
| 42993 | 1 | | FT | BH40143AE | CHLOROETHANE | | 75-00-3 | 10 | | | V |
| 42993 | 5 | | | BH40145AE | CHLOROETHANE | | 75-00-3 | 12 | | | V |
| 43193 | 2 | 2 | FT | BH40307AE | CHLOROETHANE | | 75-00-3 | 21 | | | V |
| 43393 | 2 | | | BH40325AE | CHLOROETHANE | | 75-00-3 | 11 | | Ū | V |
| 43393 | 5 | | | BH40326AE | CHLOROETHANE | | 75-00-3 | 13 | | | V |
| 43493 | 2 | | | | CHLOROETHANE | | 75-00-3 | 12 | | | V |
| 43493 | 5 | | | | CHLOROETHANE | | 75-00-3 | 12 | | | iV . |
| 43693 43793 | 1 | | | BH40341AE BH40333AE | CHLOROETHANE CHLOROETHANE | | 75-00-3 | 11 | | | V |
| 43793 | 5 | | | BH40334AE | CHLOROETHANE | | 75-00-3 75-00-3 | 11 12 | | | V V |
| 43893 | 1 | | | BH40071AE | CHLOROETHANE | | 75-00-3 75-00-3 | 12 | | | V |
| 43993 | 1 | | | | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| 43993 | 5 | | | | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| 44093 | 1 | 2 | Fī | BH40349AE | CHLOROETHANE | | 75-00-3 | 23 | | | V |
| 44393 | 5 | | | | CHLOROETHANE | j | 75-00-3 | 25 | | ا ت | V |
| 44393 | 1 | | | BH40034AE | CHLOROETHANE | | 75-00-3 | 57 | 57 ug/Kg ! l | ا | V |
| 44893 | 2 | | | | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| 45693 | 5 | | | BH40376AE | CHLOROETHANE | | 75-00-3 | 12 | | | <u>V </u> |
| 45693 45793 | 1 5 | | | BH40375AE BH40560AE | CHLOROETHANE | | 75-00-3 | 13 | | | V |
| 45/83 | 2 | | | BH40378AE | CHLOROETHANE CHLOROETHANE | | 75-00-3 75-00-3 | 11 | | | V |
| 45893 | 5 | | | BH40379AE | CHLOROETHANE | | 75-00-3 75-00-3 | 12 12 | | | V |
| 46193 | Ö | | | | CHLOROETHANE | | 75-00-3 | 60 | | | V |
| 46293 | 2 | | | | CHLOROETHANE | | 75-00-3 | 13 | | | V |
| 46693 | 1 | 1 | | | CHLOROETHANE | | 75-00-3 | 10 | 13 ug/Kg l | | v |
| 46793 | 1 | 2 | FT | BH40730AE | CHLOROETHANE | | 75-00-3 | 10 | 13 ug/Kg il | | V |
| 46893 | 1 | | | | CHLOROETHANE | | 75-00-3 | 10 | | | V |
| 46993 | 3 | | | | CHLOROETHANE | | 75-00-3 | 10, | 11 ug/Kg l | J | V |
| 48195 | 0, | | | | CHLOROETHANE | | 75-00-3 | 10 | 10 ug/Kg (l | | Z |
| 48195 48195 | 2 | | | | CHLOROETHANE | | 75-00-3 | 10 | | | Z |
| 48295 | 0 | | | | CHLOROETHANE CHLOROETHANE | | 75-00-3 | 10 | | | Z |
| 48295 | 2 | | | | CHLOROETHANE | | 75-00-3 75-00-3 | 10 10 | | | <u>z</u> |
| 48295 | 4 | | | | CHLOROETHANE | | 75-00-3 | 10 | 10 ug/Kg l | | Z Z |
| 48395 | 0 | | | | CHLOROETHANE | | 75-00-3 | 10, | 10;ug/Kg (l | | Z |
| 48395 | 4 | 5 | FT | | CHLOROETHANE | | 75-00-3 | 10. | 10 ug/Kg | | Z |
| P208989 | 5 | 7 | | | CHLOROETHANE | | 75-00-3 | 12 | | | \overline{v} |
| P209189 | 0 | | | | CHLOROETHANE | | 75-00-3 | 12 | 12 ug/Kg l | | V |
| P209189 | 4 | | | | CHLOROETHANE | | 75-00-3 | 12 | 12jug/Kg l | | V |
| P209489 | 0 | | | | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| P209489 P209889 | 4 | | | | CHLOROETHANE | | 75-00-3 | 11 | | | V |
| P209889 | 4 | | | | CHLOROETHANE CHLOROETHANE | | 75-00-3 75-00-3 | 12 12 | 12 ug/Kg L | | V |
| P210189 | 0 | | | | CHLOROETHANE | | 75-00-3 | 1300, | 12 ug/Kg L 1300 ug/Kg L | | V · |
| P210189 | 5 | | | | CHLOROETHANE | | 75-00-3 | 1400 | 1400 ug/Kg L | | ~ |
| P210289 | 0; | 2 | FT | SEP3189BR0002 | CHLOROETHANE | | 75-00-3 | 12 | | | v |
| P210289 | 4 | | | | CHLOROETHANE | | 75-00-3 | 12 | | | V |
| SP0387 | 2 | | | | CHLOROETHANE | | 75-00-3 | | 50 ug/Kg L | J | |
| 05093 | 1 | 2 | | | CHLOROFORM | | 67-66-3 | 5 | 5 ug/Kg L | | V |
| 05093 05193 | 5 | | | | CHLOROFORM | | 7-66-3 | 5 | | | V |
| 05393 | 1 2 | 1 | | | CHLOROFORM CHLOROFORM | | 37-66-3 | 6 | 6'ug/Kg (L | | <u>V</u> |
| 40093 | 1 1 | 2 | | | CHLOROFORM | | 67-66-3 67-66-3 | 5 6 | 5'ug/Kg it | | V |
| 10093 | 4 | 5 | | | CHLOROFORM | | 67-66-3 | 6 | 6 ug/Kg it 6 ug/Kg it | | v V |
| 40293 | 2 | 2) | | | CHLOROFORM | | 37-66-3 | 6 | 6 ug/Kg L | | <u>v</u> |
| 10393 | 2 | 2 | | | CHLOROFORM | | 37-66-3 | 6 | 6 ug/Kg L | ; ; | v |
| 10693 | 1 | 2 | FT | BH40151AE | CHLOROFORM | į (| 7-66-3 | 6 | 6 ua/Ka it | 1 | v |
| 10793 | 5' | 6 | | | CHLOROFORM | | 7-66-3 | 6, | 6 ug/Kg L | J i | V |
| 10793 | 1 | 2 1 | | | CHLOROFORM | | 7-66-3 | 32 | 32 ug/Kg iL | <u> </u> | V |
| 10893 10893 | 4 | 5:1 | | | CHLOROFORM | | 7-66-3 | 5 | 5 ug/Kg L | | V |
| 10893 | | 1 1 6 | | | CHLOROFORM | | 7-66-3 | 5 | 29 ug/Kg L | | <u>V</u> |
| 10993 | 5 | 2 1 | | | CHLOROFORM CHLOROFORM | | 67-66-3 67-66-3 | 5 | 5 ug/Kg L | | V |
| 11193 | 1; | 2 1 | | | CHLOROFORM | | 7-66-3 | 6 | 6 ug/Kg L | | V |
| 1293 | 1 | 2 1 | | | CHLOROFORM | | 7-66-3 | 28 | 6 ug/Kg L 28 ug/Kg L | | v V |
| 1593 | 5 | 5 | | | CHLOROFORM | | 7-66-3 | 5 | 5 ug/Kg L | | <u>v</u> |
| 1693 | 2 | 2 1 | FT I | | CHLOROFORM | | 7-66-3 | 5 | 5 ug/Kg L | | <u> </u> |
| 1793 | 2 | 3 1 | FT I | BH40244AE | CHLOROFORM | | 7-66-3 | 5 | 5 ug/Kg L | | |
| 11793 | 5 | 6 1 | | | CHLOROFORM | · 6 | 7-66-3 | 6 | 6 ug/Kg L | | V |
| 11993 | 2 | 2 1 | | | CHLOROFORM | | 7-66-3 | 5 | 5 ug/Kg L | | v . |
| 11993 | 5 | 516 | -T : | BH40064AE | CHLOROFORM | 16 | 7-66-3 | 5 | 5 ug/Kg (L | | |

| | | | | Table A.7 Solar Evapo | ration Ponds AOC | - Analytical Results (| or Subsurface | Soils Less Ti | | | | | |
|--------------------|----------|-------------|------------|-----------------------|----------------------------|--|---------------|--------------------|------------|-------------|-------------------|--------------|--|
| CODE | DEPTH | | CODE | SAMPLE NUMBER | | Annhen | | CASINO | DETECTION | RESULT | CINITE | LAB RESULT | VALIDATION QUALIFIER |
| 42093 | - SIACI | | FT | | CHLOROFORM | Analyte | | 67-66-3 | 29 | | ug/Kg | | V |
| 42193 | 1 | | FT | | CHLOROFORM | | | 67-66-3 | 12 | | ug/Kg | | v |
| 42293 | 4 | | IFT | | CHLOROFORM | | | 67-66-3 | ι ε | | ug/Kg | | J |
| 42393 42493 | 1 5 | | IIFT FT | | CHLOROFORM | | | 67-66-3 | <u> </u> | | lug/Kg | | V V |
| 42493 | 1 2 | | FT | | CHLOROFORM | | | 67-66-3 67-66-3 | | | ug/Kg ug/Kg | | V |
| 42593 | 5 | | FT | | CHLOROFORM | | | 67-66-3 | - | | ug/Kg | | V |
| 42993 | 1 | | (FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg | | V |
| 42993 43193 | 5 | | FT FT | | CHLOROFORM | | | 67-66-3 67-66-3 | 6 | | ug/Kg | | V V |
| 43393 | 2 | | FT | | CHLOROFORM | | | 67-66-3 | 11 | | ug/Kg ug/Kg | | V |
| 48393 | 5 | ξ 6 | FI | BH40326AE | CHLOROFORM | | | 67-66-3 | 6 | | ug/Kg | | v · |
| 43493 | : 2 | | ,FT | | CHLOROFORM | | | 67-66-3 | | 6 | ug/Kg | U | V |
| 43493 43693 | 5 3 | | FT FT | | CHLOROFORM | ar trade de la la contra contra quel la la la la la la la la la la consta consta con l | | 67-66-3 67-66-3 | i 6 | | ug/Kg | | V |
| 43793 | 1 1 | | FT | | CHLOROFORM CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg ug/Kg | | V |
| 43793 | 5 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | | ug/Kg | | v |
| 43893 | 1 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | 6 | ug/Kg | U | V |
| 43993 | 5 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg | | <u>V</u> |
| 43993 44093 | 1 1 | | IFT | | CHLOROFORM CHLOROFORM | | | 67-66-3 67-66-3 | 6 | | ug/Kg ug/Kg | | V V |
| 44393 | 5 | | FT | | CHLOROFORM | | | 67-66-3 | 12 | | ug/Kg | | v V |
| 44393 | 1 | 1 1 | FT | | CHLOROFORM | | | 67-66-3 | 28 | | ug/Kg | | V |
| 44893 | 2 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | 6 | ug/Kg | U i | V |
| 45693 45693 | 5 | | FT (FT | | CHLOROFORM CHLOROFORM | | | 67-66-3 67-66-3 | 6 | | ug/Kg | | v v |
| 45793 | 5 | | FT | | CHLOROFORM | | | 67-66-3 | 7 | | ug/Kg ug/Kg | | <u>v</u> V |
| 45893 | 1 2 | . 2 | FT | BH40378AE | CHLOROFORM | | i | 67-66-3 | 6 | | ug/Kg | | v |
| 45893 | 5 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | 6 | ug/Kg | U I | V |
| 46193 46293 | 1 0 | | IFT IFT | | CHLOROFORM | | | 67-66-3 | 30 | | ug/Kg | | <u>V</u> |
| 46593 | 2 | | FT | | CHLOROFORM CHLOROFORM | | | 67-66-3 67-66-3 | 5 | | ug/Kg ug/Kg | | V V |
| 46693 | 1 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg | | ` |
| 46793 | 1 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | 6 | ug/Kg | | V |
| 46893 | 1 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg | | V |
| 46993 48195 | 3 | | FT | | CHLOROFORM CHLOROFORM | | | 67-66-3 67-66-3 | 5 | · | ug/Kg | | V Z |
| 48195 | 2 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg ug/Kg | | Z |
| 48195 | 4 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg | | z |
| 48295 | . 0 | | FT | | CHLOROFORM | ***** | | 67-66-3 | 5 | . 5 | ug/Kg | U · | Z |
| 48295 48295 | 2 | | FT | | CHLOROFORM CHLOROFORM | word for a complete former the broaders of the design of the second states of the second stat | | 67-66-3 | 5 | | ug/Kg | | <u>z</u> . |
| 48395 | 1 0 | | iFT | | CHLOROFORM | | | 67-66-3 67-66-3 | 5 5 | | ug/Kg ug/Kg | | Z Z |
| 48395 | 1 4 | | FT | | CHLOROFORM | | | 67-66-3 | 5 | | ug/Kg | | <u>z</u> Z |
| P208989 | j 5 | | | | CHLOROFORM | | | 67-66-3 | 6 | | ug/Kg | | v |
| P209189 | 0 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | | ug/Kg | | V |
| P209189 P209489 | 4 | | FT | | CHLOROFORM CHLOROFORM | | | 67-66-3 67-66-3 | 6 5 | | ug/Kg | | v V |
| P209489 | 0 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | | ug/Kg ug/Kg | | <u>v</u> V |
| P209889 | 0 | 2 | | | CHLOROFORM | | | 67-66-3 | 6 | | ug/Kg | ŭ | · |
| P209889 | 4 | | FT | | CHLOROFORM | | | 67-66-3 | 6 | 6 | ug/Kg | U [| V |
| P210189 P210189 | 5 | | FT | | CHLOROFORM CHLOROFORM | | | 67-66-3 67-66-3 | 650 | | ид/Кд | | A |
| P210109 | 0 | | FT | | CHLOROFORM | | *** | 67-66-3 | 720 | | ug/Kg ug/Kg | | v v |
| P210289 | 4 | | | | CHLOROFORM | ······································ | | 67-66-3 | 6 | | ug/Kg | | v |
| SP0387 | 2 | | | | CHLOROFORM | | | 67 - 66-3 | | | ug/Kg | | |
| 05093 | 1 1 | | | 1 | CHLOROMETHA | | | 74-87-3 | 11 | | ug/Kg | | V . |
| 05093 05193 | 5 | | | | CHLOROMETHA CHLOROMETHA | | | 74-87-3 74-87-3 | 11 | | ug/Kg ug/Kg | | <u> </u> |
| 05393 | 2 | | | | CHLOROMETHA | | | 74-87-3 | 10 | | ug/Kg | | <u>v</u> |
| 40093 | 1 | | FT | BH40168AE | CHLOROMETHA | NE | 1 | 74-87-3 | 11 | | ug/Kg | U I' | V |
| 40093 40293 | 4 | | | | CHLOROMETHA | | | 74-87-3 | 12 | 12 | ug/Kg | U I | |
| 40293 40393 | 2 | | | | CHLOROMETHA CHLOROMETHA | | | 74-87-3 74-87-3 | 12 12 | | ug/Kg ug/Kg | | |
| 40693 | 1 | | | | CHLOROMETHA | | | 74-87-3 | 13 | | ug/Kg | | <u>, </u> |
| 40793 | 5 | | FT | BH40159AE | CHLOROMETHA | NE | | 74-87-3 | 12 | | ug/Kg | | |
| 40793 | 1 | | | | CHLOROMETHA | | | 74-87-3 | 64 | | ug/Kg | | |
| 40893 40893 | 4 | | | | CHLOROMETHA CHLOROMETHA | | | 74-87-3 | 10 | | ug/Kg | <u> </u> | <u>/</u> |
| 40993 | 1 1 | | | | CHLOROMETHA CHLOROMETHA | | | 74-87-3 74-87-3 | 10, 11 | , 56 11 | ug/Kg ug/Kg | U N | / |
| 40993 | 5 | 6 | FT | BH40203AE | CHLOROMETHA | NE | | 74-87-3 | 11 | | ug/Kg | | |
| 41193 | 1 | | | | CHLOROMETHA | | | 74-87-3 | 12 | 12 | ug/Kg | U i | 7 |
| 41293 41593 | 1 5 | | | | CHLOROMETHA | | | 74-87-3 | 56 | | ug/Kg | U į\ | |
| 41693 | 2 | | | | CHLOROMETHA CHLOROMETHA | | | 74-87-3 74-87-3 | 10 10 | 10 | ug/Kg ug/Kg | U N | |
| 41793 | 2 | | | | CHLOROMETHA | | | 74-87-3 | 10 | 10 | ug/Kg | U N | |
| 41793 | . 5 | 6 | FT | BH40245AE (| CHLOROMETHA | NE | i i | 74-87-3 | 11 | 11 | ug/Kg | U IV | / |
| 41993 | 2 | | | | CHLOROMETHA | | | 74-87-3 | 11 | 11 | ug/Kg | Ŭ į\ | / |
| 41993 42093 | 5 | | | | CHLOROMETHA CHLOROMETHA | | | 74-87-3 74-87-3 | 11 | 11 | ug/Kg | <u> </u> | |
| 42193 | 1 1 | | | | CHLOROMETHA | | | 74-87-3 | 57, 24) | | ug/Kg ug/Kg | | |
| 12293 | 4 | 4 | FT | BH40254AE | CHLOROMETHA | NE | | 74-87-3 | 11 | | ug/Kg | | |
| 42393 | 1 | | | | CHLOROMETHA | | 7 | 74-87-3 | 12 | 12 | ug/Kg ! | <u>۱</u> ۱ | / |
| 12493 | 5 | | | | CHLOROMETHA | | | 74-87-3 | 11 | | ug/Kg | | |
| 12493 | 2 | 3 | FT | BH40283AE (| CHLOROMETHA | NE | | 74-87-3 | 13; | 13 | ug/Kg | U į\ | / |

| LOCATION | Тосоты | DEPTH UNIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsu | rface Soils Less Th | DETECTION | anics | LAB RESULT | VALIDATION |
|--------------------|--------|------------|----------------------------|---|-----------------------|------------|--|------------|------------|
| CODE | | END CODE | SAMPLE NUMBER | Analyte | CAS NO | | RESULT UNITS | | QUALIFIER |
| 42593 | 5 | | BH40292AE | CHLOROMETHANE | 74-87-3 | 11 | Approximate a processor of the state of the state of | | V |
| 42993 | 1 | | | CHLOROMETHANE | 74-87-3 | 10 | 10 ug/Kg | U | V |
| 42993 | 5 | | BH40145AE | CHLOROMETHANE | 74-87-3 | 12 | | Ü | V |
| 43193 | 2 | 2¦FT | | CHLOROMETHANE | 174-87-3 | 21 | | | V |
| 43393 | 2 | | | CHLOROMETHANE | 74-87-3 | 11 | | | V |
| 43393 | 5 | | | CHLOROMETHANE | 74-87-3 | 13 | | | V |
| 43493 | 2 | | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| 43493 | 5 | | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| 43693 | 3 | | | CHLOROMETHANE CHLOROMETHANE | 174-87-3 | 11 | | | V |
| 43793 | 1 1 | | BH40333AE BH40334AE | CHLOROMETHANE | 174-87-3 | 12 | | | V |
| 43793 43893 | 5 | | BH40071AE | CHLOROMETHANE | 174-87-3 | 12 | | | V |
| 43993 | 1 | | | CHLOROMETHANE | 74-87-3 | 11 | | | V |
| 43993 | 5 | | BH40355AE | CHLOROMETHANE | 74-87-3 | 11 | | | V |
| 44093 | 1 | | BH40349AE | CHLOROMETHANE | 74-87-3 | 23 | | | V |
| 44893 | 2 | | BH40190AE | CHLOROMETHANE | 74-87-3 | 11 | | | V |
| 45693 | 5 | 6 FT | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| 45693 | 1 1 | | BH40375AE | CHLOROMETHANE | 74-87-3 | 13 | | | V |
| 45793 | 5 | | | CHLOROMETHANE | 74-87-3 | 11 | | | V |
| 45893 | 2 | | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| 45893 | 5 | | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| 46193 | 0 | | BH40386AE | CHLOROMETHANE | 74-87-3 74-87-3 | 60 13 | | | V |
| 46293 | 2 | | BH40566AE BH40701AE | CHLOROMETHANE CHLOROMETHANE | 74-87-3 | 13 | | | V |
| 46593 46693 | 1 1 | | BH40701AE | CHLOROMETHANE | 74-87-3 | 10 | | | V |
| 46793 | 1 | · | BH40730AE | CHLOROMETHANE | 174-87-3 | 10 | | | V |
| 46893 | 1 | | BH40744AE | CHLOROMETHANE | 74-87-3 | 10 | | | V |
| 46993 | 3 | | | CHLOROMETHANE | 74-87-3 | 10 | | | V |
| 48195 | 1 0 | | BH00101PE | CHLOROMETHANE | 74-87-3 | 10 | | U | Z |
| 48195 | 2 | 4 FT | BH00102PE | CHLOROMETHANE | 74-87-3 | 10 | 10 ug/Kg | U | Z |
| 48195 | 4 | | | CHLOROMETHANE | 74-87-3 | 10 | | | Z |
| 48295 | 1 0 | | | CHLOROMETHANE | 74-87-3 | 10 | | | Z |
| 48295 | 2 | | | CHLOROMETHANE | 74-87-3 | 10 | | | <u>Z</u> |
| 48295 | 4 | | | CHLOROMETHANE | 74-87-3 | 10 | | | Z |
| 48395 | 0 | | BH00107PE | CHLOROMETHANE | 74-87-3 74-87-3 | 10 | | | Z |
| 48395 | 4 | -00 | BH00109PE SEP1789BR0406 | CHLOROMETHANE CHLOROMETHANE | 74-87-3 | 10 12 | | | V |
| P208989 P209189 | 5 | | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| P209189 | 4 | | | CHLOROMETHANE | 74-87-3 | 12 | | | V |
| P209489 | 1 0 | | | CHLOROMETHANE | 74-87-3 | 11 | | | V |
| P209489 | 4 | | SEP2289BR0406 | CHLOROMETHANE | 174-87-3 | 11 | | | V |
| P209889 | 0 | | SEP2689BR0002 | CHLOROMETHANE | 74-87-3 | 12 | | | ٧ |
| P209889 | 1 4 | | SEP2689BR0406 | CHLOROMETHANE | 74-87-3 | 12 | 12 ug/Kg | U | V |
| P210189 | 0 | 2 FT | SEP3089BR0002 | CHLOROMETHANE | 74-87-3 | 1300 | | | A |
| P210189 | 5 | | | CHLOROMETHANE | 74-87-3 | 1400 | | | V |
| P210289 | 0 | | | CHLOROMETHANE | 74-87-3 | 12 | | | ٧ |
| P210289 | 4 | | SEP3189BR0406 | CHLOROMETHANE | 74-87-3 | 12 | | | ٧ |
| SP0387 | 2 | | | CHLOROMETHANE | 74-87-3 218-01-9 | 440 | 50 ug/Kg 440 ug/Kg | | V |
| 41593 42193 | 0 | | BH40419AE BH40427AE | CHRYSENE CHRYSENE | 218-01-9 | 360 | | | V |
| 42193 | 1 | | BH40253AE | CHRYSENE | 218-01-9 | 390 | | | J |
| 42493 | 5 | | SS40083AE | CHRYSENE | 218-01-9 | 350 | | | V |
| 42493 | 1 0 | | BH40440AE | CHRYSENE | 218-01-9 | 360 | | Ū | V |
| 42593 | 1 0 | | BH40448AE | CHRYSENE | 218-01-9 | 360 | | | V |
| 43393 | 0 | 5 FT | BH40512AE | CHRYSENE | 218-01-9 | 360 | 360:ug/Kg | U | V |
| 43493 | 5 | 10 FT | BH40322AE | CHRYSENE | 218-01-9 | 370 | 370 ug/Kg | | Z |
| 43493 | 0 | | BH40319AE | CHRYSENE | 218-01-9 | 380 | | | Z · |
| 43693 | 0 | | BH40520AE | CHRYSENE | 218-01-9 | 360 | | | V |
| 46593 | 1 1 | | BH40786AE | CHRYSENE | 218-01-9 | 330 | | | V |
| 46593 | 7 | | SS40140AE | CHRYSENE | 218-01-9 218-01-9 | 330 330 | | | Λ 1 |
| 46693 46793 | 1 0 | | BH40792AE BH40798AE | CHRYSENE CHRYSENE | 218-01-9 | 330 | | | V |
| 46793 46893 | 0 | | BH40804AE | CHRYSENE | 218-01-9 | 330 | 370 ug/Kg | <u> </u> | V |
| 46993 46993 | 1 1 | | BH40810AE | CHRYSENE | 218-01-9 | 330 | 350 ug/Kg | ū | V |
| 46993 | 10 | | SS40144AE | CHRYSENE | 218-01-9 | 330 | | | V |
| 47093 | 1 | | BH40816AE | CHRYSENE | 218-01-9 | 330 | | | V |
| 48195 | 0 | | | CHRYSENE | 218-01-9 | 760 | | J | Z |
| 48195 | 4 | 6 FT | BH00103PE | CHRYSENE | 218-01-9 | 660 | 660 ug/Kg | U | Z |
| 48195 | 2 | | BH00102PE | CHRYSENE | 218-01-9 | 790 | | | Z |
| 48295 | 0 | | BH00104PE | CHRYSENE | 218-01-9 | 740 | | | Z |
| 48295 | 2 | | BH00105PE | CHRYSENE | 218-01-9 | 770 | | | Z |
| 48295 48205 | 4 | | BH00106PE | CHRYSENE | 218-01-9 | 790 | | | Z |
| 48395 48395 | 2 | | BH00108PE BH00109PE | CHRYSENE CHRYSENE | 218-01-9 | 660 750 | | | Z |
| 48395 48395 | 0 | | BH00109PE | CHRYSENE | 218-01-9 | 810 | | | Z |
| 48395 05093 | 1 1 | | BH00062AE | CIS-1,3-DICHLOROPROPENE | 110061-01-5 | 5 | | | V |
| 05093 | 5 | | 1BH00063AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | Ū | v |
| 05193 | 1 | | (BH00067AE | CIS-1,3-DICHEOROPROPENE | 10061-01-5 | 6 | 6 ug/Kg | | V |
| 05393 | 2 | | BH00077AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | | | | V |
| 40093 | 1 1 | | BH40168AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| 40093 | 4 | | BH40169AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | 6 ug/Kg | U | V |
| 40293 | 2 | | BH40119AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | | 6 ug/Kg | U | ٧ |
| 40393 | 2 | | BH40124AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | | | | V |
| 40693 | 1 | | BH40151AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | | | | V |
| 40793 | 5 | 6 FT | BH40159AE | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | 6 ug/Kg | U | V |



| FEARITIME | | COT O LINE | Table A.7 Solar Evapo | oration Ponds AOC - A | Analytical Result | s for Subsurface | Soils Less Ti | | | | | |
|--------------------|----------|----------------|---|--|---|---|----------------------------|------------|--------|------------------------|------------|---------------|
| LOCATION CODE | START | END CODE | SAMPLE NUMBER | | Analyte | | CAS NO | DETECTION | RESULT | LINITS | LAB RESULT | QUALIFIER |
| 40793 | 1 | 2 FT | BH40158AE | CIS-1,3-DICHLOR | OPROPENE | | 10061-01-5 | | | ug/Kg | | V |
| 40893 | 4 | 5 FT · | BH40032AE | ICIS-1,3-DICHLOR | | , | 10061-01-5 | | | ug/Kg | | V |
| 40893 | 1; 5 | 1)FT 6:FT | (BH40031AE BH40203AE | ICIS-1,3-DICHLORO | | ···· | 10061-01-5 | | | ug/Kg ug/Kg | | IV IV |
| 40993 | 1 | 2 FT | BH40202AE | CIS-1,3-DICHLOR | | | 10061-01-5 | | | ug/Kg | | iv |
| 41193 | 1! | 2 FT | BH40050AE | CIS-1,3-DICHLOR | | | 10061-01-5 | | 6 | ug/Kg | U | V |
| 41293 | 1 5 | 2 FT 5 FT | BH40197AE BH40211AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 28 | | ug/Kg ug/Kg | | IV IV |
| 41693 | 2: | 2!FT | BH40218AE | CIS-1,3-DICHLOR | | | 10061-01-5 | | | ug/Kg | | V |
| 41793 | 2 | 3 FT | IBH40244AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 1 5 | 5 | ug/Kg | U | V |
| 41793 | 5 2 | 6 FT 2 FT | BH40245AE BH40063AE | CIS-1,3-DICHLORO | | | 10061-01-5 | | ****** | ug/Kg ug/Kg | | V |
| 41993 | 5 | 5 FT | BH40064AE | CIS-1,3-DICHLORO | | | 10061-01-5 | | | ug/Kg | | V |
| 42093 | 1 | 2 FT | 1BH40484AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 29 | 29, | ug/Kg | U | V |
| 42193 | 1 4 | 2 FT 4 FT | !BH40436AE !BH40254AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 12 | | ug/Kg ug/Kg | | V |
| 42393 | 1 | 1 FT | BH40262AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | | ug/Kg | | J V |
| 42493 | 5 | 5.FT | BH40284AE | CIS-1,3-DICHLORO | | | 10061-01-5 | | | ug/Kg | | V |
| 42493 | 2 5 | 3 FT - 6 FT | BH40283AE BH40292AE | CIS-1,3-DICHLORO | | *************************************** | 10061-01-5 | 6 | | ug/Kg | | V |
| 42993 | 11 | 2 FT | BH40143AE | ICIS-1,3-DICHLORO | | | 10061-01-5 | 5 | | ug/Kg ug/Kg | | V V |
| 42993 | 5 | 6FT | BH40145AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | | ug/Kg | | V |
| 43193 | 2 | 2 FT | BH40307AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 11 | 11 | ug/Kg | U | ٧ |
| 43393 | 2 5 | 2 FT 6 FT | BH40325AE BH40326AE | CIS-1,3-DICHLORO | | | 10061-01-5 | | | ug/Kg | | <u>V</u> |
| 43493 | 2 | 2 FT | BH40320AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 6 | | ug/Kg ug/Kg | | V V |
| 43493 | 5 | 6'FT | BH40321AE | CIS-1,3-DICHLORO | PROPENE | | 10061-01-5 | 6 | 6 | ug/Kg | U | V |
| 43693 | 3 1 | 3!FT 1!FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | | | ug/Kg | | V |
| 43793 | 5 | 6:FT | BH40333AE BH40334AE | CIS-1,3-DICHLORO | | | 10061-01-5 | 5 | | ug/Kg | | V V |
| 43893 | 1 | 1/FT | BH40071AE | CIS-1,3-DICHLORO | PROPENE | | 10061-01-5 | 6 | | ug/Kg ug/Kg | | V |
| 43993 | 5 | 5¦FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 5 | . 5 | ug/Kg | | V |
| 43993 44093 | 11 | 1 FT 2 FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | | | ug/Kg | | V |
| 44393 | 5 | 6 FT | | ICIS-1,3-DICHLORO | | | 10061-01-5 10061-01-5 | 12 12 | 12 | ug/Kg ug/Kg | <u> </u> | <u>v</u> v |
| 44393 | 1 | 1 FT | BH40034AE | CIS-1,3-DICHLORO | PROPENE | | 10061-01-5 | 28 | | ug/Kg | | · |
| 44893 | 2: | 2 FT | | CIS-1,3-DICHLORC | | | 10061-01-5 | 6 | | ug/Kg | | V |
| 45693 45693 | 5 1 | 6 FT 1 FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 6; 7; | | ug/Kg ug/Kg | | v v |
| 45793 | 5 | 6FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 6. | | ug/Kg | | <u>v</u> |
| 45893 | 2 | 2 FT | | CIS-1,3-DICHLORC | | | 10061-01-5 | 6 | 6 | ug/Kg | | V |
| 45893 46193 | 5) 0) | 5FT 1FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | | ug/Kg | | V |
| 46293 | 2 | 3)FT | <u>~</u> | CIS-1,3-DICHLORO | | | 10061-01-5 | 30 6 | | ug/Kg ug/Kg | | V V |
| 46593 | 2 | 2 FT | 1BH40701AE | CIS-1,3-DICHLORC | | | 10061-01-5 | 5 | | ug/Kg | | v |
| 46693 | 1 | 1 FT | | CIS-1,3-DICHLORC | | | 10061-01-5 | 5 | 6 | ug/Kg | U I | V |
| 46793 | 1 | 2 FT 2 FT | | CIS-1,3-DICHLORC | *************************************** | | 10061-01-5 | 5 5 | | ug/Kg ug/Kg | | v v |
| 46993 | 3 | 3 FT | | CIS-1,3-DICHLORC | | | 10061-01-5 | 5, | | ug/Kg ↓ | | <u>v</u> |
| 48195 | 0 | 2 FT | | cis-1,3-DICHLOROF | | | 10061-01-5 | 5 | 5,1 | ug/Kg | Ų į | Z |
| 48195 48195 | 2 4 | 4 FT 6 FT | | cis-1,3-DICHLOROF cis-1,3-DICHLOROF | | | 10061-01-5 | 5 | | ug/Kg | | Z |
| 48295 | 0, | 2 FT | *************************************** | as-1,3-DICHLOROF | | | 10061-01-5 | 5, 5' | | ug/Kg ug/Kg | | Z Z |
| 48295 | 2 | 4 FT | | cis-1,3-DICHLOROF | | | 10061-01-5 | 5 | | ug/Kg | | Z |
| 48295 48395 | 4 0 | 6 FT 2 FT | | cis-1,3-DICHLOROF cis-1,3-DICHLOROF | | | 10061-01-5 | 5 | | ug/Kg | | Z |
| 48395 | 4 | 5 FT | | cis-1,3-DICHLOROF | | | 10061-01-5 | 5 5 | | ug/Kg ug/Kg | | Z |
| P208989 | 5 | 7 FT | SEP1789BR0406 | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | | ug/Kg | | v |
| P209189 P209189 | 0 | 1 FT 6 FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | 61 | ug/Kg | U I | V |
| P209189 | 4 | 5 FT | | CIS-1,3-DICHLORO CIS-1,3-DICHLORO | | | 10061-01-5 10061-01-5 | 6 5 | | ug/Kg ug/Kg | | V V |
| P209489 | 0 | 1 FT | SEP2289BR0002 | CIS-1,3-DICHLORO | PROPENE | | 10061-01-5 | 6 | | ug/Kg | | v V |
| P209889 P209889 | 0 | 2 FT | | CIS-1,3-DICHLORO | | 1 | 10061-01-5 | 6 | 6 ι | ug/Kg | U j | V |
| P209889 P210189 | 4 0 | 6 FT 2 FT | | CIS-1,3-DICHLORO CIS-1,3-DICHLORO | | | 10061-01-5 | 650 650 | | ug/Kg | | V |
| P210189 | 5 | 7 FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 720 | | ug/Kg ug/Kg | | |
| P210289 | 0 | 2 FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | | ıg/Kg | | · |
| P210289 SP0387 | 4 | 5FT 4FT | | CIS-1,3-DICHLORO | | | 10061-01-5 | 6 | | ıg/Kg ∣i | | V |
| 48295 | - 6 | 2 FT | | CIS-1,3-DICHLORO CYCLOHEXANE, O | | | 10061-01-5 1795-15-9 | | | ug/Kg l | | Z |
| 48195 | 4 | 6 FT | BH00103PE | CYCLOTETRASILO | XANE, OCTAM | ETHYL | 556-67-2 | | 1000 | ıg/Kg ∫. | JN j | Z |
| 48195 48295 | 0 | 2 FT | | CYCLOTETRASILO | | | 556-67-2 | | 20001 | ıg∕Kg i. | IN | Ž |
| 48295 | 2 4' | 4 FT 6 FT | | CYCLOTETRASILO CYCLOTETRASILO | | | 556-67-2 556-67-2 | | | ıg/Kg i. ıg/Kg i. | | <u>Z</u> |
| 48395 | 2 | 4 FT | | CYCLOTETRASILO | | | 556-67-2 | | | ıg/Kg i. | | Z Z |
| 48395 | 0 | 2 FT | BH00107PE | CYCLOTETRASILO | XANE, OCTAM | ETHYL ! | 556-67-2 | | 2000 د | ıg/Kg ∣. | IN (| Z |
| 48295 48395 | 0 4; | 2 FT 5 FT | | CYCLOTRISILOXAN | | | 541-05-9 | | | ıg/Kg ↓ | | Z |
| 41593 | 4 | 5,F1 6 FT | | DECANE, 3,6-DIME DELTA-BHC | INTL-(IIC) | | 17312-53-7 319-86-8 | 11 | | ıg/Kg ıg/Kg l | | <u>z</u> |
| 42193 | 0. | 5 FT | BH40427AE | DELTA-BHC | | | 319-86-8 | 8.7 | | ig/Kg it | | |
| 42293 | 1 | 6 FT | | DELTA-BHC | | Į: | 319-86-8 | 9.3 | 9.3 L | ıg/Kg ∣l | \ر ر | / |
| 42493 43393 | 0 | 5;FT 5'FT | | DELTA-BHC DELTA-BHC | | | 319-86-8 319-86-8 | 8.6 8.6 | | ig/Kg | | |
| 43493 | 5 | 10 FT | | DELTA-BHC | | | 319-86-8 | 8.9 | | ıg/Kg l ıg/Kg l | | |
| 43493 | 0 | 5 FT | | DELTA-BHC | | | 319-86-8 | 9.2 | | ıg/Kg ∣t | | |

| | | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Ti | | | | | |
|------------------|-----|--------------|---|--|----------------------|------------|-------|--------------------|-------------------------|--------------|
| CODE | | DEPTH UNIT | SAMPLE NUMBER | Analyte | CAS NO | DETECTION | | HINITS | LAB RESULT QUALIFIER | |
| 43693 | 0 | | | DELTA-BHC | 319-86-8 | 8.6 | | Jg/Kg | | V |
| 46593 | 1 | | | DELTA-BHC | 319-86-8 | 8 | 8.7 | ⊿g/Kg | U | V |
| 46593 46693 | 7 | | SS40140AE 1BH40792AE | DELTA-BHC DELTA-BHC | 319-86-8 319-86-8 | : 8 : 8 | · | Jg/Kg | | J IV |
| 46793 | 0 | | | DELTA-BHC | 319-86-8 | 8 | | ug/Kg ug/Kg | | V |
| 46893 | 0 | 7¦FT | BH40804AE | DELTA-BHC | 319-86-8 | 8 | | ıg/Kg | | V |
| 46993 | 1 1 | | | DELTA-BHC | 319-86-8 | . 8 | | ıg/Kg | | V |
| 46993 47093 | 10 | | | DELTA-BHC DELTA-BHC | 319-86-8 319-86-8 | ! 8 ! 8 | | ug/Kg ug/Kg | | V V |
| SP0387 | 2 | | | DELTA-BHC | 319-86-8 | 1 2 | | Jg/Kg | | ! |
| 41593 | 4 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 440 | 440 | ıg/Kg | U | ٧ |
| 42193 42293 | 1 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 53-70-3 | 360 | | ıg/Kg | | IV. |
| 42293 | 5 | | | DIBENZ(A,H)ANTHRACENE DIBENZ(A,H)ANTHRACENE | 53-70-3 | 390 | | ig/Kg ig/Kg | | IV |
| 42593 | 0 | 5FT | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 360 | | ıg/Kg | | iv |
| 43393 | 0 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 360 | | ıg/Kg | | IV . |
| 43493 43493 | 5 | | | DIBENZ(A,H)ANTHRACENE DIBENZ(A,H)ANTHRACENE | 53-70-3 53-70-3 | 370 380 | | ıg/Kg ıg/Kg | | Z Z |
| 43693 | 1 0 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 360 | | ıg/Kg i | | iV |
| 46593 | 1 | | BH40786AE | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | 360 i | ıg/Kg | U | V |
| 46593 46693 | 7 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | | ıg/Kg | | J |
| 46793 | 0 | | | DIBENZ(A,H)ANTHRACENE DIBENZ(A,H)ANTHRACENE | 53-70-3 53-70-3 | 330 | | ıg/Kg ıg/Kg | | V |
| 46893 | 0 | 7 FT | BH40804AE | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | 370 | ıg/Kg | U | V |
| 46993 | 1 | | BH40810AE | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | 350 u | ıg/Kg i | Ü | V |
| 46993 47093 | 10 | | | | 53-70-3 53-70-3 | 330 | | ig/Kg | | V |
| 48195 | 4 | | ~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | 53-70-3 | 330 660 | | ig/Kg ig/Kg | | Z |
| 48195 | 0 | 2 FT | BH00101PE | DIBENZO(a,h)ANTHRACENE | 53-70-3 | 760 | 760 L | ıg/Kg | Ū | Z |
| 48195 48305 | 2 | | | | 53-70-3 | 790 | 790 t | ıg/Kg | U | Z |
| 48295 48295 | 0 2 | | | | 53-70-3 53-70-3 | 740 770 | | ig/Kg ig/Kg | | Z |
| 48295 | 4 | | | | 53-70-3 | 790 | | g/Kg | | Ž |
| 48395 | 2 | 4 FT | BH00108PE | DIBENZO(a,h)ANTHRACENE | 53-70-3 | 660 | 660 L | ıg/Kg | | Z |
| 48395 48395 | 0 | | | | 53-70-3 | 750 | | ıg/Kg | | Z |
| 41593 | 4 | | | | 53-70-3 132-64-9 | 810 440 | | ig/Kg ig/Kg | | Z V |
| 42193 | 0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 132-64-9 | 360 | | g/Kg | | V |
| 42293 | 1 | | | | 132-64-9 | 390 | | g/Kg | | J |
| 42493 42493 | 5 | | | DIBENZOFURAN DIBENZOFURAN | 132-64-9 132-64-9 | 350 360 | | ıg/Kg i ıg/Kg i | | V V |
| 42593 | 0 | | | | 132-64-9 | 360 | | g/Kg | | V |
| 43393 | 0' | | | | 132-64-9 | 360 | 360 | g/Kg | U | ٧ |
| 43493 43493 | 5 | | | | 132-64-9 | 370 380 | | ig/Kg | | Z |
| 43693 | 0 | | | | 132-64-9 | 360 | | ıg/Kg i ıg/Kg i | | Z V |
| 46593 | 1 | 7/FT | | DIBENZOFURAN | 132-64-9 | 330 | | g/Kg | | v |
| 46593 | 7: | | | DIBENZOFURAN | 132-64-9 | 330 | | g/Kg i | | J |
| 46693 46793 | 0 | | | | 132-64-9 132-64-9 | 330 330 | | g/Kg g/Kg | | <u>v</u> |
| 46893 | 0 | | | | 132-64-9 | 330 | | g/Kg | | v V |
| 46993 | 1 | | | | 132-64-9 | 330 | 350 | g/Kg | U | V |
| 46993 47093 | 10 | · | | DIBENZOFURAN DIBENZOFURAN | 132-64-9 132-64-9 | 330 330 | | g/Kg | | V |
| 48195 | 4 | | | | 132-64-9 | 660 | | g/Kg g/Kg | | V Z |
| 48195 | 0 | | BH00101PE : | DIBENZOFURAN | 132-64-9 | 760 | 760 u | g/Kg | U | Ž |
| 48195 48305 | 2 | | | | 132-64-9 | 790 | | g/Kg | | Z. |
| 48295 48295 | 2 | 2 FT 4 FT | | | 132-64-9 132-64-9 | 740 770 | | g/Kg g/Kg | | <u>Z</u> |
| 48295 | 4 | 6 FT | BH00106PE | DIBENZOFURAN | 132-64-9 | 790, | 790 u | g/Kg | U i | Z |
| 48395 48305 | 2 | | | | 132-64-9 | 660 | 660 u | g/Kg | U i | Z |
| 48395 48395 | 4, | | | | 132-64-9 132-64-9 | 750 810 | | g/Kg g/Kg | | Z Z |
| 05093 | 1 | | | | 124-48-1 | 5 | | g/Kg | | Ž V |
| 05093 | 5 | 6FT | BH00063AE | DIBROMOCHLOROMETHANE | 124-48-1 | · 5 | 5 u | g/Kg | Ú | V |
| 05193 05393 | 1 2 | | | | 124-48-1 | 6 | 6 u | g/Kg | U | V |
| 40093 | 1 | 2 FT 2 FT | | | 124-48-1 124-48-1 | 5 6 | | g/Kg g/Kg | | v V |
| 40093 | 4 | 5 FT | BH40169AE | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | g/Kg | | v |
| 40293 | 2 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | 6 u | g/Kg | U i | V |
| 40393 40693 | 2 | | | | 124-48-1 124-48-1 | 6 | | g/Kg | | <u> </u> |
| 40793 | 5 | 6 FT | | | 124-48-1 | 6 | | g/Kg g/Kg | | v |
| 40793 | 1 | | BH40158AE | DIBROMOCHLOROMETHANE | 124-48-1 | 32 | 32 u | g/Kg | Ü | V |
| 40893 40893 | 4 | | | | 124-48-1 | 5 | | g/Kg ! | | V |
| 40993 | 5 | | | | 124-48-1 124-48-1 | 5 5 | | g/Kg ∣l g/Kg ∣l | | v V |
| 40993 | 1 | 2:FT | BH40202AE | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | 6 u | g/Kg | | ` |
| 41193 | 1 | | | | 124-48-1 | 6 | 6 u | g/Kg | Ü | V |
| 41293 41593 | 5 | 2 FT 5 FT | | | 124-48-1 124-48-1 | 28 5 | | g/Kg | | V |
| 41693 | 2 | | | | 124-48-1 | 5 5 | | g/Kg g/Kg | | v V |
| 41793 | 2 | 3 FT | BH40244AE | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | 5 u | g/Kg ∣l | ا ل | V |
| 41793 | 5 | | | | 124-48-1 | 6 | 6 u | g/Kg | J | V . |
| 41993 | 2 | 2FT | BH40063AE | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | 5 u | g/Kg | <u> </u> | V |

| | I A C A T . | LOEBY II. | | | ration Ponds AOC - Analytical Re | | | | | | |
|--------------------|-------------|---------------|------|------------------------|--|------------------------|------------|--------|----------------------|-------------------------|-------------------------|
| CODE | START | DEPTH :* | CODE | SAMPLE NUMBER | Analyte | CAS N | DETECTION | | | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| 41993 | 5 | 5 F | Ť | BH40064AE | DIBROMOCHLOROMETHANE | 124-48-1 | | 5 5 t | ig/Kg | Ü | V |
| 42093 | 1 1 | ··· | | BH40484AE BH40436AE | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | | 1 29 | | ıg/Kg | | V |
| 42293 | 1 4 | | | BH40254AE | DIBROMOCHLOROMETHANE | | 1 6 | | ig/Kg i ig/Kg i | | J |
| 42393 | 1 1 | ***** | | BH40262AE | DIBROMOCHLOROMETHANE | | | 6 ι | ig/Kg | U | V |
| 42493 | 5 2 | | | BH40284AE BH40283AE | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | | 5 | | ig/Kg ig/Kg l | | V |
| 42593 | 5 | | | BH40292AE | DIBROMOCHLOROMETHANE | | 1 | | g/Kg i | | V |
| 42993 | 1 1 | | | | DIBROMOCHLOROMETHANE | | | 5 t | g/Kg | U | V |
| 42993 | . 5 | | | BH40145AE BH40307AE | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | | 11 | | ıg/Kg ıg/Kg | | V V |
| 43393 | 2 | | | | DIBROMOCHLOROMETHANE | | <u> </u> | | g/Kg | | V |
| 43493 | 5 | | | | DIBROMOCHLOROMETHANE | | 6 | | g/Kg | | V |
| 43493 | 5 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | | <u>6</u> | | ig/Kg i ig/Kg i | | V V |
| 43693 | 3 | 3 F1 | r | BH40341AE | DIBROMOCHLOROMETHANE | 124-48-1 | ; 6 | 6 u | g/Kg | U | V |
| 43793 43793 | 5 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | | | | g/Kg | | <u>v</u> |
| 43893 | ! 1 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | ! 6 | | g/Kg i g/Kg i | | V |
| 43993 | 5 | | | | DIBROMOCHLOROMETHANE | | ; 5 | 5 u | g/Kg | U | ٧ |
| 44093 | 1 1 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | | 12 | | g/Kg g/Kg | | <u>v</u> |
| 44393 | 5 | | | | DIBROMOCHLOROMETHANE | | 12 | | g/Kg | | V |
| 44393 | 1 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 28 | 28iu | g/Kg | U i | V |
| 44893 45693 | 5 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 | | g/Kg g/Kg | | v v |
| 45693 | 1 | 1 FT | Γ Ι | BH40375AE | DIBROMOCHLOROMETHANE | 124-48-1 | 7 | | g/Kg | | v |
| 45793 | 5 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 1 6 | 6 u | g/Kg | U ! | V |
| 45893 45893 | 2 5 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 | | g/Kg g/Kg | | <u>v</u> |
| 46193 | 0 | 1¦FT | Γ | BH40386AE | DIBROMOCHLOROMETHANE | 124-48-1 | 30 | 30 u | g/Kg | | v |
| 46293 46593 | 2 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | g/Kg | | V |
| 46693 | 1 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 | j 5 | | g/Kg g/Kg | | <u>v</u> |
| 46793 | 1 | 2 FT | | BH40730AE | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | g/Kg | | v |
| 46893 46993 | 3 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | g/Kg | | V |
| 48195 | 0 | | | | DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 5 | | g/Kg g/Kg | | V Z |
| 48195 | 2 | | | BH00102PE | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | 5 น | g/Kg | Ü | Ž |
| 48195 48295 | 0 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 5 5 | | g/Kg | | Z |
| 48295 | 2 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | g/Kg g/Kg | | Z Z |
| 48295 | 4 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | 5) u | g/Kg | U j | Z |
| 48395 48395 | 0 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | g/Kg I g/Kg I | | Z Z |
| P208989 | 5 | 7 FT | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | g/Kg | | ý – |
| P209189 P209189 | 0 | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | g/Kg | | V |
| P209489 | 4 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 | 1 5 | | g/Kg g/Kg | | V V |
| P209489 | 0 | 1 FT | | SEP2289BR0002 | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | g/Kg I | | v |
| P209889 P209889 | 0, | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | g/Kg I | | V |
| P210189 | 0 | | | | DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 650 | | g/Kg g/Kg | | |
| P210189 | 5 | | | SEP3089BR0406 | DIBROMOCHLOROMETHANE | 124-48-1 | 720 | | g/Kg l | ا ل | V |
| P210289 P210289 | 0 | | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | - 124-48-1 | 6 | | g/Kg | | V |
| SP0387 | 2 | 4 FT | 1 | SP038702DH | DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 | 25 u | g/Kg (g/Kg (| J | V |
| 41593 | 4 | | | BH40419AE | DIELDRIN | 60-57-1 | 21 | 21 u | g/Kg il | J | v í |
| 42193 42293 | 0 | | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 17 | 1/10 | g/Kg il g/Kg il | J j | V V |
| 42493 | 0 | 5 FT | | BH40440AE | DIELDRIN | 60-57-1 | 17 | | yrgil g/Kgil | | V |
| 43393 43493 | 0 | | | | DIELDRIN | 60-57-1 | 17 | 17 u | g/Kg l |] | v ·) |
| 43493 | 5 | 5 FT 10 FT | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 18 | | g/Kg l g/Kg l | | |
| 43693 | 0 | 5 FT | | BH40520AE | DIELDRIN | 60-57-1 | 17 | 17 u | y/Kg II | J i | |
| 46593 46593 | 7 | | | | DIELDRIN | 60-57-1 | 16 | 17 u | y/Kg | j | |
| 46693 | 0 | | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 16 | 19 0 | g/Kg∫l g/Kg∫l | J (. | J ✓ |
| 46793 | 0 | 6 FT | 1 | BH40798AE | DIELDRIN | 60-57-1 | 16 | 18 u | y∕Kg l | ا ز | v |
| 46893 46993 | 0 | | | | DIELDRIN DIELDRIN | 60-57-1 | 16 | | g/Kg l | | |
| 46993 | 10 | 16 IN | | | DIELDRIN | 60-57-1 60-57-1 | 16 | | g/Kg ll g/Kg l | | |
| 47093 | 1 | | 10 | BH40816AE | DIELDRIN | 60-57-1 | 16 | 17/u | Kg I | ן [| |
| SP0387 41593 | 2 | | | | DIELDRIN DIETHYL PHTHALATE | 60-57-1 84-66-2 | 440 | 4/0 | g/Kg lt g/Kg lt | J | · |
| 42193 | 0 | 5 FT | | BH40427AE | DIETHYL PHTHALATE | 84-66-2 | 360 | 360 ug | /Kg l | ١. | |
| 42293 42493 | 11 | | | | DIETHYL PHTHALATE | 84-66-2 | 390 | 390 ug | /Kg L | J , | j |
| 42493 42593 | 5 | 7 IN 5 FT | | | DIETHYL PHTHALATE DIETHYL PHTHALATE | 84-66-2 84-66-2 | 350 360 | | y/Kg (t | | |
| 43393 | O | 5 FT | ``E | 3H40512AE | DIETHYL PHTHALATE | 84-66-2 | 360 | 360 ug | /Kg I | J i | j j |
| 43493 43493 | 5 | 10 FT 5 FT | | | DIETHYL PHTHALATE DIETHYL PHTHALATE | 84-66-2 | 370 | 370 ug | y∕Kg l | J | Ž |
| 43693 | 0; | 5 FT | | | DIETHYL PHTHALATE | 84-66-2 84-66-2 | 380 | | /Kg L | | |
| 46593 | 1 | 7 FT | le | 3H40786AE | DIETHYL PHTHALATE | 84-66-2 | 330 | 360 ug | /Kg L | Į į | / |
| 46593 | 7 | 8 IN | 15 | S\$40140AE | DIETHYL PHTHALATE | 84-66-2 | 330 | 390:uc | /Kg IL | , , | 1 |

| - AA | | | ration Ponds AOC • Analytical Results for Subsurface | | | | r. 75 a | |
|----------------|---|---------------|--|----------------------|--------------|---|---------|-------------------------|
| CODE | START END CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION | RESULT UNITS | | VALIDATION QUALIFIER |
| 46693 | , 0 7.FT | BH40792AE | DIETHYL PHTHALATE | 84-66-2 | 330 | 380 ug/Kg | Ü | V |
| 46793 | 0 6 FT 0 7 FT | | DIETHYL PHTHALATE | 84-66-2 | 330 | | | IV |
| 46893 46993 | 1 5 FT | | DIETHYL PHTHALATE DIETHYL PHTHALATE | 84-66-2 | 330 330 | | | V V |
| 46993 | 10 16!IN | SS40144AE | DIETHYL PHTHALATE | 84-66-2 | 330 | | | v. |
| 47093 | 1 1 7FT | | DIETHYL PHTHALATE | 84-66-2 | 330 | | | V |
| 48195 48195 | 4 6FT 0 2FT | | DIETHYL PHTHALATE DIETHYL PHTHALATE | 84-66-2 | 660 760 | | | Z |
| 48195 | 2 4FT | | DIETHYL PHTHALATE | 184-66-2 | 790 | | | Z |
| 48295 | 1 0 2FT | | DIETHYL PHTHALATE | 84-66-2 | 740 | , 330;ug/Kg | J | Z |
| 48295 48295 | 2 4 FT 4 6 FT | | DIETHYL PHTHALATE DIETHYL PHTHALATE | 84-66-2 84-66-2 | 770 790 | | U | Z |
| 48395 | 2 4!FT | | DIETHYL PHTHALATE | 84-66-2 | 660 | | | Z |
| 48395 | 4 5FT | | DIETHYL PHTHALATE | 84-66-2 | 750 | | U | Z |
| 48395 41593 | 0 2 FT 4 6 FT | | DIETHYL PHTHALATE DIMETHLY PHTHALATE | 84-66-2 | 810 | | | Z |
| 42193 | 0 5FT | | DIMETHLY PHTHALATE | 131-11-3 | 440 360 | | | V |
| 42293 | | | DIMETHLY PHTHALATE | 131-11-3 | 390 | | | J |
| 42493 | 5 7 IN | | DIMETHLY PHTHALATE | 131-11-3 | 350 | *************************************** | | V |
| 42493 42593 | | | DIMETHLY PHTHALATE DIMETHLY PHTHALATE | 131-11-3 | 360 360 | | | V |
| 43393 | | | DIMETHLY PHTHALATE | 131-11-3 | 360 | | | V |
| 43493 | 5 10 FT | BH40322AE | DIMETHLY PHTHALATE | 131-11-3 | 370 | 370 ug/Kg | Ü | Z |
| 43493 43693 | 0 5FT 0 5FT | | DIMETHLY PHTHALATE | 131-11-3 | 380 | | | Z |
| 46593 | 1 7FT | | DIMETHLY PHTHALATE DIMETHLY PHTHALATE | 131-11-3 | 360 330 | | | V |
| 46593 | 7 8 IN | SS40140AE | DIMETHLY PHTHALATE | 131-11-3 | 330 | | | J |
| 46693 | | BH40792AE | DIMETHLY PHTHALATE | 131-11-3 | 330 | 380 ug/Kg | U | V |
| 46793 46893 | 0 6FT | | DIMETHLY PHTHALATE DIMETHLY PHTHALATE | 131-11-3 | 330 | | | V |
| 46993 | 1 5FT | | DIMETHLY PHTHALATE | 131-11-3 | 330) 330 | | | V |
| 46993 | 10 16 IN | SS40144AE | DIMETHLY PHTHALATE | 131-11-3 | 330, | | | v · |
| 47093 | 1 7FT | | DIMETHLY PHTHALATE | 131-11-3 | 330 | | | V |
| 48195 48195 | 4 6 FT 0 2 FT | | DIMETHYL PHTHALATE DIMETHYL PHTHALATE | 131-11-3 | 660) 760) | 660 ug/Kg 760 ug/Kg | | Z |
| 48195 | | | DIMETHYL PHTHALATE | 131-11-3 | 790 | | | Z |
| 48295 | | | DIMETHYL PHTHALATE | 131-11-3 | 740 | 740 ug/Kg | | Z |
| 48295 48295 | | | DIMETHYL PHTHALATE | 131-11-3 | 770 | | | <u>Z</u> |
| 48395 | | | DIMETHYL PHTHALATE DIMETHYL PHTHALATE | 131-11-3 | 790 660 | 790 ug/Kg 660 ug/Kg | | Z Z |
| 48395 | | | DIMETHYL PHTHALATE | 131-11-3 | 750 | | | ž |
| 48395 | | | DIMETHYL PHTHALATE | 131-11-3 | 810 | 810 ug/Kg | U ! | Ž |
| 41593 | | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 | 440 360 | 440;ug/Kg | | V |
| 42293 | | * | DI-N-BUTYL PHTHALATE | 84-74-2 | 390 | 46 ug/Kg 390 ug/Kg | | A J |
| 42493 | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 360 | 54 ug/Kg | J | Ā |
| 42493 42593 | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 350 | | | V |
| 43393 | | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 | 360) 360 | 360 ug/Kg 360 ug/Kg | | V |
| 43493 | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 370 | 370 ug/Kg | | z |
| 43493 | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 380 | 380 ug/Kg | Ū Ī | Z |
| 43693 46593 | | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 | 360 | 98 ug/Kg | | A |
| 46593 | - | | DI-N-BUTYL PHTHALATE | 84-74-2 | 330, 330 | 360 ug/Kg 390 ug/Kg | | V J |
| 46693 | 0 7/FT | BH40792AE | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | 380 ug/Kg | | v i |
| 46793 | | | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | 370 ug/Kg | | V |
| 46893 46993 | | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 i | 330 | 370Jug/Kg | | V |
| 46993 | j 10, 16jlN | SS40144AE | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | 350 ug/Kg 380 ug/Kg | | v v |
| 47093 | | BH40816AE | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | 350 ug/Kg | U | V |
| 48195 48195 | | | DI-n-BUTYL PHTHALATE DI-n-BUTYL PHTHALATE | 84-74-2 | 760 790 | 35 ug/Kg | | Z |
| 48195 | · · · · · · · · · · · · · · · · · · · | | DI-n-BUTYL PHTHALATE | 84-74-2 | 790 660 | 37jug/Kg 48jug/Kg | | Z Z |
| 48295 | 2 4 FT | BH00105PE | DI-n-BUTYL PHTHALATE | 84-74-2 | 770 | 27(ug/Kg | BJ | Z |
| 48295 48295 | | | DI-n-BUTYL PHTHALATE | 84-74-2 | 790 | 28 ug/Kg i | J j | Z |
| 48295 48395 | | | DI-n-BUTYL PHTHALATE DI-n-BUTYL PHTHALATE | 84-74-2 84-74-2 | 740, 750 | 77(ug/Kg) 44(ug/Kg) | | Z Z |
| 48395 | 0, 2 FT | | OI-n-BUTYL PHTHALATE | 84-74-2 | 810 | 54 ug/Kg | | Z |
| 48395 | | BH00108PE | DI-n-BUTYL PHTHALATE | 84-74-2 | 660 | 660 ug/Kg | י | Z |
| 48195 48195 | | | | 117-84-0 117-84-0 | 660 | 660 ug/Kg | | <u>Z</u> |
| 48195 | | | | 117-84-0 | 760 790 | 760 ug/Kg 790 ug/Kg | | Z Z |
| 48295 | 0 2 FT I | BH00104PE | DI-n-OCTYL PHTHALATE | 117-84-0 | 740 | 740 ug/Kg | | Z |
| 48295 48295 | | | | 117-84-0 | 770 | 770 ug/Kg | U } | Z |
| 48295 48395 | | | DI-11-OCTYL PHTHALATE DI-11-OCTYL PHTHALATE | 117-84-0 | 790 660 | 790 ug/Kg (660 ug/Kg | | Z i |
| 48395 | 4 5 FT | | | 117-84-0 | 750 | 750 ug/Kg | | <u>Z</u> |
| 48395 | 0 2 FT | BH00107PE | DI-n-OCTYL PHTHALATE | 117-84-0 | 810 | 810 ug/Kg | Ú | Z |
| 41593 42193 | | | | 117-84-0 | 440 | 440 ug/Kg | | <i>y</i> |
| 42193 42293 | | | | 117-84-0 117-84-0 | 360 390 | 360 ug/Kg 390 ug/Kg | | <u> </u> |
| 42493 | 0, 5FT | BH40440AE | DI-N-OCTYLPHTHALATE | 117-84-0 | 360, | 45 ug/Kg | | |
| 42493 | | | DI-N-OCTYLPHTHALATE | 117-84-0 | 350 | 350 ug/Kg 0 | U ¦ | / |
| 42593 43393 | | | DI-N-OCTYLPHTHALATE DI-N-OCTYLPHTHALATE | 117-84-0 | 360 | 360 ug/Kg 1 | | |
| | , <u>, , , , , , , , , , , , , , , , , , </u> | 51.7001EAE | ALICA DE LE LA LA LA LA LA LA LA LA LA LA LA LA LA | 117-84-0 | 360 | 360 ug/Kg I | :' | / |

| | | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Th | an 6 Feet - On | ganics | | |
|------------------|------------------|---------------|-----------------------|---|----------------------------|----------------|------------------------------------|-------------|---|
| | DEPTH DEP | | | | | DETECTION | | | VALIDATION |
| CODE 6 | START EN | ID CODE | SAMPLE NUMBER | Aname DI-N-OCTYLPHTHALATE | CAS NO | LIMIT 370 | | QUALIFIER | QUALIFIER Z |
| 43493 | 1 0 | 5 FT | | DI-N-OCTYLPHTHALATE | 117-84-0 | 380 | | | Z |
| 43693 | 0 | 5,FT | | DI-N-OCTYLPHTHALATE | 117-84-0 | 360 | | | V |
| 46593 | 1 | 7 FT | | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | | | V |
| 46593 46693 | ; 7 ₁ | 8!IN 7IFT | | DI-N-OCTYLPHTHALATE DI-N-OCTYLPHTHALATE | 117-84-0 | 330 330 | | | <u>V</u> |
| 46793 | 0. | 6 FT | | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | | | V |
| 46893 | (O | 7 FT | | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | | | v |
| 46993 | 1 1 | 5 FT | | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | 350 ug/Kg U | | V |
| 46993 | 10 | 16 IN | | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | | | <u>v</u> |
| 47093 48195 | 1 2 | 7 FT 4 FT | | DI-N-OCTYLPHTHALATE DODECANAMIDE, N.N-BIS(2-HYDROXYETHYL) | 117-84-0 | 330 | 350 ug/Kg U 4000 ug/Kg JN | | V . |
| 48195 | ō | 2 FT | | DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL) | | | 5000 ug/Kg JN | | Z |
| 48195 | 1 4 | | BH00103PE | DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL) | 120-40-1 | ····· | 6000 ug/Kg JN | v : | Z |
| 48295 | 2 | 4 FT | | DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL) | | | 5000 ug/Kg JN | | Z |
| 48295 48395 | 2 | 6 FT 4 FT | | DODECANAMIDE, N.N-BIS(2-HYDROXYETHYL) DODECANAMIDE, N.N-BIS(2-HYDROXYETHYL) | | ····· | 6000jug/Kg JN | | <u>Z</u> |
| 48395 | 0 | 2 FT | | DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL) | | | 1000;ug/Kg JN 6000;ug/Kg B. | | Z Z |
| 48395 | 4 | 5 FT | | DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL) | | | 8000 ug/Kg B | | Z |
| 48295 | 0 | 2 FT | | DODECANE, 2,7,10-TRIMETHYL- (tic) | 74645-98-0 | | 600 ug/Kg JN | J | Z |
| 48395 | 4 | 5 FT | | DODECANE, 2,7,10-TRIMETHYL- (tic) | 74645-98-0 | - | 1000 ug/Kg JN | ١ | Z |
| 48295 41593 | 0, | 2 FT 6 FT | | DODECANE, 4,6-DIMETHYL ENDOSULFAN I | 959-98-8 | | 2000 ug/Kg !JN | | Z |
| 42193 | 0 | 5 FT | | ENDOSULFAN I | 959-98-8 | 11 8,7 | | | V V |
| 42293 | 1 | 6 FT | BH40253AE | ENDOSULFAN I | 959-98-8 | 9.3 | | | v |
| 42493 | 0 | 5 FT | | ENDOSULFAN I | 959-98-8 | 8.6 | 8.6 ug/Kg U | | v |
| 43393 | 0 | 5 FT | | | 959-98-8 | 8.6 | | | V |
| 43493 | 5 0 | 10;FT 5:FT | | ENDOSULFAN I ENDOSULFAN I | 959-98-8 | 8.9 | | | <u>V</u> |
| 43693 | 0, | 5/FT | | ENDOSULFAN I | 959-98-8 959-98-8 | 9.2 8.6 | | | V V |
| 46593 | 11 | 7FT | <u> </u> | ENDOSULFAN I | 959-98-8 | 8 | | | v |
| 46593 | 7 | 8 IN | | ENDOSULFAN I | 959-98-8 | 8 | 9.3 ug/Kg U | | J |
| 46693 | 0 | 7/FT | | ENDOSULFAN I | 959-98-8 | 8 | | | V |
| 46793 46893 | 0 | 6:FT 7:FT | | ENDOSULFAN I ENDOSULFAN I | 959-98-8 | 8 | | | <u>v</u> |
| 46993 | 1 | | | | 959-98-8 | 8 | | | v |
| 46993 | 10 | | | ENDOSULFAN I | 959-98-8 | 8 | | | v i |
| 47093 | 1 | | | ENDOSULFAN I | 959-98-8 | 8 | 8.6 ug/Kg U | | V |
| SP0387 | 2 | 4 FT | | ENDOSULFAN I | 959-98-8 | 2 | | | |
| 41593 42193 | 0 | 6FT 5FT | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 21 | | | <u>V</u> |
| 42293 | 1 | | | ENDOSULFAN II | 33213-65-9 | 17 19 | | | <u>v</u> |
| 42493 | 0 | | | | 33213-65-9 | 17 | | | v |
| 43393 | 0 | | | | 33213-65-9 | 17 | | | V |
| 43493 43493 | 5 | | | ENDOSULFAN II | 33213-65-9 | 18 | | | <u>V</u> |
| 43693 | 0 | 5 FT | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 18 17 | | | V I |
| 46593 | 11 | | | ENDOSULFAN II | 33213-65-9 | 16 | | | v |
| 46593 | 7 | 8 IN | | ENDOSULFAN II | 33213-65-9 | 16 | | | J |
| 46693 | 0, | | | | 33213-65-9 | 16 | | | V |
| 46793 46893 | 0; 0; | | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 | 16 | | | v |
| 46993 | 1 | | | | 33213-65-9 33213-65-9 | 16 16 | | | V |
| 46993 | 10 | | | | 33213-65-9 | 16 | | | v - |
| 47093 | 1 | | | | 33213-65-9 | 16 | | | v i |
| SP0387 41593 | 2 | | | | 33213-65-9 | 4 | | | |
| 42193 | 4 | | | ENDOO! EAN O! EATE | 1031-07-8 | 21 | | | V . |
| 42293 | 1 | 6 FT | | | 1031-07-8 | 17 19 | | | V |
| 42493 | 0. | 5 FT | BH40440AE | ENDOSULFAN SULFATE | 1031-07-8 | 17 | | | v |
| 43393 | 0, | | | | 1031-07-8 | 17 | 17 ug/Kg U | | V |
| 43493 43493 | 0 5 | | | | 1031-07-8 | 18 | | | V |
| 43693 | 0 | | | | 1031-07-8 | 18 17 | | | V V |
| 46593 | 11 | 7(FT | BH40786AE | ENDOSULFAN SULFATE | 1031-07-8 | 16 | | | V |
| 46593 | 71 | 8 IN | | ENDOSULFAN SULFATE | 1031-07-8 | 16 | 19 ug/Kg U | | J |
| 46693 | 0, | | | | 1031-07-8 | 16 | | | <u>v</u> |
| 46793 46893 | 0, | | | ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 1031-07-8 | 16 | | | V |
| 46993 | 1 | | | | 1031-07-8 | 16 16 | | | v v |
| 46993 | 10 | 16 IN | SS40144AE | ENDOSULFAN SULFATE | 1031-07-8 | 16 | | | |
| 47093 | 1 | | | | 1031-07-8 | 16 | 17 ug/Kg U | | V |
| SP0387 41593 | 4 | | | | 1031-07-8 | 4 | | | |
| 42193 | 0 | | | | 72-20-8 72-20-8 | 21 17 | | 1 | |
| 42293 | 1 | | | | 72-20-8 | 17 | | | v v |
| 42493 | 0; | 5 FT | BH40440AE | ENDRIN | 72-20-8 | 17 | | | |
| 43393 | 0, | | | ENDRIN | 72-20-8 | 17 | 17 ug/Kg U | 1, | / |
| 43493 43493 | 0; | | | | 72-20-8 | 18 | | į | |
| 43493 ! 43693 | <u> </u> | | | | 72-20-8 72-20-8 | 18 17 | | | |
| 46593 | 11 | | | | 72-20-8 | 16 | | | |
| 46593 | 7 | 8 IN | SS40140AE | NDRIN | 72-20-8 | 16 | | | |
| 46693 | 0 | | | | 72-20-8 | 16 | 19 ug/Kg U | 1 | / |
| 46793 | 0 | 6)FT | BH40798AE | NDRIN | 72-20-8 | 16 | 18/ug/Kg U | | / |

| | | | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Th | | | | | |
|----------------|----------------------|-------------------------|--|--------------------------|---------------------|--------|--------------------|------------|------------|
| CODE | | UNIT SAMPLE NUMBER | Analyte | CAS NO | DETECTION ** LIMIT | RESULT | UNITS | LAB RESULT | VALIDATION |
| 46893 | 0 7:FT | BH40804AE | ENDRIN | 72-20-8 | 16 | 18 | ug/Kg | U | V |
| 46993 | 1 5FT | BH40810AE | | 72-20-8 | 16 | | ug/Kg | | V |
| 46993 47093 | 10 16 IN 1 1 7 FT | ISS40144AE BH40816AE | ENDRIN ENDRIN | 72-20-8 72-20-8 | 16 16 | | lug/Kg lug/Kg | | IV IV |
| SP0387 | 2 4FT | SP038702DH | ENDRIN | 72-20-8 | 4 | 4 | ug/Kg | | |
| 41593 | 4 6 FT | | ENDRIN KETONE | 53494-70-5 | 21 | | ug/Kg | U | V |
| 42193 42293 | 0 5FT | | | 53494-70-5 53494-70-5 | 17 19 | 19 | ug/Kg ug/Kg | IU | IV IV |
| 42493 | 0 5 FT | BH40440AE | ENDRIN KETONE | 53494-70-5 | 17 | 17 | ug/Kg | Ü | V |
| 43393 | 0, 5FT | | ENDRIN KETONE | 53494-70-5 | 17 | | ug/Kg | | IV. |
| 43493 | 0 5/FT 5 10/FT | | ENDRIN KETONE ENDRIN KETONE | 53494-70-5 53494-70-5 | 18 18 | | ug/Kg ug/Kg | | IV IV |
| 43693 | 0 5 FT | BH40520AE | ENDRIN KETONE | 53494-70-5 | 17 | 17 | ug/Kg | | IV. |
| 46593 46593 | 1 7FT 7 8IN | | ENDRIN KETONE ENDRIN KETONE | 53494-70-5 | 16 | | ug/Kg | | ĮV |
| 46693 | 0 7/FT | | | 53494-70-5 53494-70-5 | 16 16 | 19 | ug/Kg ug/Kg | U | J V |
| 46793 | 0 6 FT | BH40798AE | ENDRIN KETONE | 53494-70-5 | 16 | 18 | ug/Kg | Ü | V |
| 46893 46993 | 0 7/FT 1 5/FT | | ENDRIN KETONE | 53494-70-5 | 16 | | ug/Kg | | V |
| 46993 | 10 16 IN | | | 53494-70-5 53494-70-5 | 16 16 | | ug/Kg ug/Kg | | IV IV |
| 47093 | 1 7FT | BH40816AE | | 53494-70-5 | 16 | 17 | ug/Kg | U | v |
| SP0387 | 2 4FT | [SP038702DH | | 53494-70-5 | 4 | | ug/Kg | | |
| 48295 05093 | 4 6FT | | ETHYL ACETATE ETHYLBENZENE | 141-78-6 100-41-4 | , 5 | | ug/Kg ug/Kg | | Z V |
| 05093 | 5 6'FT | BH00063AE | ETHYLBENZENE | 100-41-4 | , 5 | | ug/Kg | | IV IV |
| 05193 | 1 1 FT | | | 100-41-4 | 6 | 6 | ug/Kg | U | V |
| 05393 40093 | 2 2 FT | | | 100-41-4 | 5 6 | | ug/Kg ug/Kg | | V V |
| 40093 | 4 5 FT | | | 100-41-4 | 6 | 6 | ug/Kg | Ŭ | V |
| 40293 | 2 2 FT | | ETHYLBENZENE | 100-41-4 | 6 | 6 | ug/Kg | U | V |
| 40393 40693 | 2 2 FT | | | 100-41-4 | 6 | | ug/Kg ug/Kg | | V V |
| 40793 | 5 6FT | | | 100-41-4 | 6 | | ug/Kg | | V V |
| 40793 | 1 2FT | | | 100-41-4 | 32 | 32 | ug/Kg | υ | V |
| 40893 | 4 5FT 1 1FT | | | 100-41-4 | 5 5 | | ug/Kg ug/Kg | | V V |
| 40993 | 5 6FT | | | 100-41-4 | 5 | | ug/Kg | | V |
| 40993 | 1 2 FT | | | 100-41-4 | 6 | 6 | ug/Kg | U | V |
| 41193 41293 | 1 1 2 FT 1 2 FT | | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | 6 28 | | ug/Kg ug/Kg | | V |
| 41593 | 5 5 FT | | | 100-41-4 | 5 | | ug/Kg | | V |
| 41693 | 2 2FT | ····· | | 100-41-4 | 5 | 5 | ug/Kg | U | V |
| 41793 41793 | 2 3 FT 5 6 FT | | | 100-41-4 | 5 6 | | ug/Kg ug/Kg | | V V |
| 41993 | 2 2FT | | | 100-41-4 | 5 | | ug/Kg | | V |
| 41993 | 5 5 FT | | | 100-41-4 | 5 | 5 | ug/Kg | U | V |
| 42093 42193 | 1 2 FT | | | 100-41-4 | 29 12 | | ug/Kg ug/Kg | | V V |
| 42293 | 4 4FT | | | 100-41-4 | 6 | | ug/Kg | | J |
| 42393 | 1 1FT | | | 100-41-4 | 6 | 6 | ug/Kg | U | V |
| 42493 42493 | 5 5 FT 2 3 FT | | | 100-41-4 | 5 6 | | ug/Kg ug/Kg | | V V |
| 42593 | 5 6 FT | | | 100-41-4 | 5 | | ug/Kg | | V |
| 42993 | 1 2 FT | | | 100-41-4 | 5 | 5 | ug/Kg | U | V |
| 42993 43193 | 5 6 FT 2 2 FT | | | 100-41-4 | - 11 | | ug/Kg i | | V |
| 43393 | 2 2 FT | | | 100-41-4 | 5 | | ug/Kg ug/Kg | | v V |
| 43393 | 5 6FT | BH40326AE | ETHYLBENZENE | 100-41-4 | 6 | 6 | ug/Kg | U I | V |
| 43493 43493 | 2 2 FT 5 6 FT | | | 100-41-4 | 6 6 | | ug/Kg i ug/Kg i | | <u> </u> |
| 43693 | 3 3 FT | BH40341AE | ETHYLBENZENE | 100-41-4 | 6 | | ug/Kg | | V |
| 43793 | 1 1/FT | | ETHYLBENZENE | 100-41-4 | 5 | 5 | ug/Kg | U | V |
| 43793 43893 | 5 6 FT 1 1 FT | | | 100-41-4 | 6 6 | | ug/Kg | | V |
| 43993 | 5 5 FT | | | 100-41-4 | 5 | | ug/Kg ug/Kg | Ü | v v |
| 43993 | 1 1FT | BH40354AE | ETHYLBENZENE | 100-41-4 | 6 | 6 | ug/Kg | U | V |
| 44093 44393 | 1 2 FT 5 6 FT | | | 100-41-4 | 12 | | ug/Kg | | V |
| 44393 | 1 1 1 1 1 FT | | | 100-41-4 | 12 28 | | ug/Kg ! ug/Kg | | V |
| 44893 | 2 2 FT | BH40190AE | ETHYLBENZENE | 100-41-4 | 6, | 6 | ug/Kg i | U I | V |
| 45693 45693 | 5 6 FT 1 1 FT | | | 100-41-4 | 6 | | ug/Kg | | V. |
| 45793 | 5 6 FT | | | 100-41-4 | 7 6 | | ug/Kg ug/Kg | | V V |
| 45893 | 2 2 FT | BH40378AE | ETHYLBENZENE | 100-41-4 | 6 | 6 | ug/Kg | U | v i |
| 45893 46193 | 5 5 FT 0 1 FT | | | 100-41-4 | 6 | 6 | ug/Kg | U i | <u>V</u> |
| 46293 | 2 3,FT | | | 100-41-4 | 30 6 | | ug/Kg ug/Kg | | v v |
| 46593 | 2 2:FT | BH40701AE | ETHYLBENZENE | 100-41-4 | 5 | 5 | ид/Кд | U (| V |
| 46693 46793 | 1 1 FT 1 2 FT | | | 100-41-4 100-41-4 | 5 5 | | ug/Kg | | V |
| 46893 | 1 2 FT | | | 100-41-4 | 5 | | ug/Kg ug/Kg | | v v |
| 46993 | 3 3 FT | BH40758AE | THYLBENZENE ; | 100-41-4 | 5 | 5 | ug/Kg | Ü | V |
| 48195 48195 | 0; 2 FT 2 4 FT | | | 100-41-4 | 5 | 5 | ug/Kg | <u>U</u> | <u>Z</u> |
| | 4) 1 | 10110010275 | - · · · · · · · · · · · · · · · · · · · | 100-41-4 | 5 | 5 | ug/Kg | u i | Z |

| FLOCATION | DEPTH DEPT | THE UNIT | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | | an 6 Feet - Org | | L'AB RESULT | VALIDATION |
|----------------------|----------------|---------------|-----------------------------|--|--------------------|-----------------|--------------------------------|----------------|---------------|
| | START EN | | SAMPLE NUMBER | Analyte | CAS NO | LIMIT | RESULT UNITS | | QUALIFIER |
| 48295 | 0 | 2 FT | BH00104PE | ETHYLBENZENE | 100-41-4 | | 5.ug/Kg | Ū | Z |
| 48295 48295 | 2 4 | 4 FT | | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | 5 | | | <u>Z</u> |
| 48395 | 0; | 2 FT | | ETHYLBENZENE | 100-41-4 | | | | Z |
| 48395 | 4 | 5 FT | BH00109PE | ETHYLBENZENE | 100-41-4 | 5 | 5 ug/Kg | U | Z |
| P208989 P209189 | 5. 0 | 7 FT 1 FT | | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | | | | V |
| P209189 | 4 | 6 FT | | ETHYLBENZENE | 100-41-4 | 6 | | | v v |
| P209489 | 4 | 5 FT | | ETHYLBENZENE | 100-41-4 | 5 | | Ŭ i | v |
| P209489 P209889 | 0 | 1 FT | | ETHYLBENZENE | 100-41-4 | 6 | 6 ug/Kg | U | V |
| P209889 | 0. | 2 FT 6 FT | | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | 6 | | | <u>v</u> v |
| P210189 | 0 | 2FT | | ETHYLBENZENE | 100-41-4 | 650 | | | A |
| P210189 | 5 | 7/FT | | ETHYLBENZENE | 100-41-4 | 720 | 720 ug/Kg | Ū | V |
| P210289 | 0 4 | 2 FT 5 FT | | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | 6 | | | v V |
| SP0387 | 2 | 4 FT | | ETHYLBENZENE | 100-41-4 | | 6 ug/Kg 25 ug/Kg | | <u>v</u> |
| 41593 | 4 | 6 FT | | FLUORANTHENE | 206-44-0 | 440 | 440 ug/Kg | U ! | V |
| 42193 | 0. | 5 FT 6 FT | | FLUORANTHENE FLUORANTHENE | 206-44-0 | 360 | | | <u>V</u> |
| 42493 | 5 | 7 IN | | FLUORANTHENE | 206-44-0 | 390 350 | | | J V |
| 42493 | 0 | 5;FT | BH40440AE | FLUORANTHENE | 206-44-0 | 360 | | | · |
| 42593 | . 0 | 5 FT | | FLUORANTHENE | 206-44-0 | 360 | 360 ug/Kg | U [| V |
| 43393 | 0) 5 | 5 FT 10 FT | | FLUORANTHENE FLUORANTHENE | 206-44-0 | 360 370 | | | V Z |
| 43493 | 0; | 5 FT | | FLUORANTHENE | 206-44-0 | 370 | | Ü | Z Z |
| 43693 | O, | 5 FT | BH40520AE | FLUORANTHENE | 206-44-0 | 360 | 360 ug/Kg | Ú : | V |
| 46593 | 1 | 7FT | | FLUORANTHENE | 206-44-0 | 330 | 360 ug/Kg | U (| V |
| 46593 46693 | 7 ₁ | 8 IN 7 FT | | FLUORANTHENE FLUORANTHENE | 206-44-0 | 330 330 | | | J |
| 46793 | 0 | 6 FT | BH40798AE | FLUORANTHENE | 206-44-0 | 330 | | | v V |
| 46893 | 0 | 7 FT | | | 206-44-0 | 330 | 370 ug/Kg | U | V |
| 46993 46993 | 10 | 5 FT 16 IN | | FLUORANTHENE FLUORANTHENE | 206-44-0 | 330 | | | ٧ |
| 47093 | 1 | 7/FT | | FLUORANTHENE | 206-44-0 | 330 330 | | <u> </u> | V V |
| 48195 | 4 | 6IFT | | FLUORANTHENE | 206-44-0 | 660 | 660 ug/Kg | Ŭ - | z Z |
| 48195 | 0. | 2 FT | | FLUORANTHENE | 206-44-0 | 760 | 760 ug/Kg | U | Z |
| 48195 48295 | 0 | 4 FT 2 FT | | FLUORANTHENE FLUORANTHENE | 206-44-0 | 790 | | | Z |
| 48295 | 2 | 4 FT | | | 206-44-0 | 740 770 | | | Z Z |
| 48295 | 4! | 6 FT | BH00106PE | FLUORANTHENE | 206-44-0 | 790 | | U | Z |
| 48395 48395 | 2 | 4)FT | | | 206-44-0 | 660 | 660 ug/Kg | Ū | Z |
| 48395 | 4 <u>!</u> | 5 FT 2 FT | | | 206-44-0 | 750 810 | 750 ug/Kg 810 ug/Kg | | Z Z |
| 41593 | 4 | 6FT | | | 86-73-7 | 440 | | | |
| 42193 | 0 | 5 FT | | | 86-73-7 | 360 | 360 ug/Kg | U {\ | / |
| 42293 42493 | 1. 5 | 6 FT 7 IN | | | 86-73-7 | 390 | 390 ug/Kg | | |
| 42493 | 0 | 5 FT | | | 86-73-7 86-73-7 | 350 360 | 350 ug/Kg 360 ug/Kg | | |
| 42593 | 0 | 5FT | BH40448AE | FLUORENE | 86-73-7 | 360 | 360 ug/Kg | | |
| 43393 43493 | 0. | 5/FT | | | 86-73-7 | 360 | 360 ug/Kg | | |
| 43493 | 5 0 | 10 FT 5 FT | | | 86-73-7 86-73-7 | 370 380 | 370;ug/Kg 380;ug/Kg | | |
| 43693 | Ö. | 5FT | | | 86-73-7 | 360 | 360 ug/Kg | | |
| 46593 | 1 | 7IFT | | | 86-73-7 | 330 | 360 ug/Kg | U j\ | |
| 46593 46693 | 7 ₁ | 8IN 7FT | | | 86-73-7 | 330 | 390 ug/Kg | | |
| 46793 | 0, | 6 FT | | | 86-73-7 86-73-7 | 330 330 | 380 ug/Kg 1 370 ug/Kg 1 | | <i>j</i> · |
| 46893 | O, | 7FT | BH40804AE | FLUORENE | 86-73-7 | 330 | 370 ug/Kg I | U N | |
| 46993 46993 | 10 | 5 FT | | | 86-73-7 | 330 | 350 ug/Kg I | J N | / |
| 47093 | 10 | 16 IN 7 FT | | | 86-73-7 86-73-7 | 330 330 | 380 ug/Kg 1 350 ug/Kg 1 | | |
| 48195 | 4 | 6FT | BH00103PE | | 86-73-7 | 660 | 660 ug/Kg il | | |
| 48195 | 0 | 2FT | | | 86-73-7 | 760 | 760 ug/Kg | J | Z |
| 48195 48295 | 0 | 4 FT 2 FT | | | 86-73-7 | 790 740 | 790 ug/Kg | | Z |
| 48295 | 2 | 4)FT | | | 86-73-7 86-73-7 | 740 770 | 66 ug/Kg . 770 ug/Kg t | <u> </u> | Z Z |
| 48295 | 4 | 6FT | BH00106PE | FLUORENE | 86-73-7 | 790 | 790 ug/Kg | J | Z |
| 48395 48395 | 0; | 2 FT 4 FT | | | 86-73-7 | 810 | 21jug/Kg j. | , | Z |
| 48395 | 4 | 5/FT | | | 86-73-7 86-73-7 | 660; 750 | 660 ug/Kg l 750 ug/Kg l | | |
| 41593 | 4 | 6FT | BH40419AE | GAMMA-BHC (LINDANE) | 58-89-9 | 11 | 11lug/Kg it | | |
| 42193 | 0 | 5FT | BH40427AE | GAMMA-BHC [LINDANE] | 58-89-9 | 8.7 | 8.7 ug/Kg | J IV | / |
| 42293 42493 | 0 | 6FT 5FT | | | 58-89-9 | 9.3 | 9.3 ug/Kg (| | |
| 43393 | 0 | | | <u> </u> | 58-69-9 58-69-9 | 8.6 8.6 | 8.6 ug/Kg l 8.6 ug/Kg l | | |
| 43493 | 5 1 | IO FT | BH40322AE | SAMMA-BHC [LINDANE] | 58-89-9 | 8.9 | 8.9 ug/Kg | | |
| 43493 | | 5 FT | | | 58-89-9 | 9.2 | 9.2 ug/Kg l | J i\ | / |
| 43693 46593 | O) | 5 FT 7 FT | BH40520AE BH40786AE | | 58-89-9 58-89-9 | 8.6 | 8.6 ug/Kg L | | |
| 46593 | 7 | 8 IN | | | 58-89-9 | 8 8 | 8.7 ug/Kg l 9.3 ug/Kg l | | |
| 46693 | 0 | 7/FT | BH40792AE | GAMMA-BHC (LINDANE) | 58-89-9 | 8 | 9.4 ug/Kg l | J į\ | / |
| 46793 46893 | 0 | | | | 58-89-9 | 8 | 9.1 ug/Kg L | ١ ا | <i>'</i> |
| 46893 46993 | 1 | | | | 58-89-9 58-89-9 | 8 | 9 ug/Kg L 8.6 ug/Kg L | | |
| | | | | | | • | U.U.Ugrky I | - 17 | |

| | | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Th | an 6 Feet - Org | ganics | | |
|-----------------|----------------|---------------|-----------------------|--|----------------------|-----------------|------------------------|-----|-------------|
| | DEPTH DEP | | * | | , č | DETECTION | | | VALIDATION |
| CODE 3 | START EN | D CODE | SAMPLE NUMBER | Analyte GAMMA-BHC [LINDANE] | CAS NO: 58-89-9 | LIMIT | RESULT UNI 9.2 ug/K | | QUALIFIER |
| 47093 | 11 | 7iFT | BH40816AE | GAMMA-BHC [LINDANE] | 158-89-9 | 8 8 | | | iv |
| SP0387 | 2 | 4 FT | SP038702DH | GAMMA-BHC [LINDANE] | 58-89-9 | 2 | | | |
| 41593 | 4 | 6 FT | | HEPTACHLOR | 76-44-8 | 11 | | | V |
| 42193 42293 | 1 0 | 5 FT 6 FT | | HEPTACHLOR HEPTACHLOR | 76-44-8 76-44-8 | 8.7 9.3 | | | IV IV |
| 42493 | 0 | 5.FT | | HEPTACHLOR | 76-44-8 | 8.6 | | | IV |
| 43393 | 0 | 5 FT | | HEPTACHLOR | 76-44-8 | 8.6 | | | lv |
| 43493 | 5 | 10 FT | | HEPTACHLOR | 76-44-8 | , 8.9 | 8.9 ug/K |) U | īV |
| 43493 143693 | 0 0 | 5FT 5FT | | HEPTACHLOR | 76-44-8 | 9.2 | | | IV |
| 46593 | 1 | 7 FT | | HEPTACHLOR HEPTACHLOR | 76-44-8 76-44-8 | 8.6 | | | IV IV |
| 46593 | 7 | 8 IN | | HEPTACHLOR | 76-44-8 | 8 | | | IJ |
| 46693 | 0 | 7/FT | | HEPTACHLOR | 76-44-8 | 8 | | | V |
| 46793 46893 | 0 | 6;FT 7;FT | | HEPTACHLOR | 76-44-8 | 8 | | | ĮV |
| 46993 | 1 1 | 5 FT | | HEPTACHLOR HEPTACHLOR | 76-44-8 76-44-8 | 8 | | | iv Iv |
| 46993 | 10 | 16 IN | | HEPTACHLOR | 76-44-8 | 8 | | | ĺV . |
| 47093 | 1 | 7 FT | | HEPTACHLOR | 76-44-8 | 8 | 8.6 ug/K | U | V |
| SP0387 | 2 | 4 FT . | | HEPTACHLOR | 76-44-8 | 2 | | | 1 |
| 41593 42193 | 0 | 6 FT 5 FT | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 11 8.7 | | | IV IV |
| 42293 | i 1 | 6FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 9.3 | | | !V |
| 42493 | 0 | 5 FT | !BH40440AE | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.6 | | | IV |
| 43393 | 0 | 5FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.6 | 8.6 ug/K | U | IV |
| 43493 43493 | 5 | 10 FT 5 FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.9 | | | ĮV |
| 43493 | 1 0; | 5 FT . | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 9.2 8.6 | | | iv iv |
| 46593 | 1 | 7FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8.0 | | | V |
| 46593 | j 7j | 8 IN | SS40140AE | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | | l U | ij |
| 46693 | 0 | 7IFT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | | | IV |
| 46793 46893 | 0 | 6 FT 7 FT | | HEPTACHLOR EPOXIDE HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | | | (V |
| 46993 | 1 | 5 FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 8 | | | IV IV |
| 46993 | 10 | 16 IN | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | | | iv . |
| 47093 | 1 | 7 FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 8 | 8.6 ug/K | ΙU | V |
| SP0387 | 2 | 4 FT | | HEPTACHLOR EPOXIDE | 1024-57-3 | 2 | | | |
| 41593 42193 | 0 | 6 FT 5 FT | | HEXACHLOROBENZENE HEXACHLOROBENZENE | 118-74-1 | 440 360 | | | V |
| 42293 | 1 | 6 FT | | HEXACHLOROBENZENE | 118-74-1 | 390 | | | J |
| 42493 | 5 | 7 IN | | HEXACHLOROBENZENE · | 118-74-1 | 350 | | | iv |
| 42493 | 0 | 5FT | | HEXACHLOROBENZENE | 118-74-1 | 360 | | | V |
| 42593 43393 | 0 | 5FT 5FT | | HEXACHLOROBENZENE HEXACHLOROBENZENE | 118-74-1 | 360 360 | | | V |
| 43493 | 5 | 10 FT | | HEXACHLOROBENZENE | 118-74-1 | 370 | | | V Z |
| 43493 | O | 5,FT | | HEXACHLOROBENZENE | 118-74-1 | 380 | | | Z |
| 43693 | 0 | 5 FT | | HEXACHLOROBENZENE | 118-74-1 | 360 | 360 ug/K | TU | V |
| 46593 46593 | 1 | 7:FT | | HEXACHLOROBENZENE | 118-74-1 | 330 | | | V |
| 46693 | 0 | 8 IN 7 FT | | HEXACHLOROBENZENE HEXACHLOROBENZENE | 118-74-1 | 330 330 | | | J V |
| 46793 | Ö | 6 FT | | HEXACHLOROBENZENE | 118-74-1 | 330 | | | V |
| 46893 | 0 | 7 FT | BH40804AE | HEXACHLOROBENZENE | 118-74-1 | 330 | | | V |
| 46993 | 1 | 5 FT | | | 118-74-1 | 330 | | | V |
| 46993 47093 | 10 | 16 IN 7 FT | | | 118-74-1 | 330 | | | V |
| 48195 | 4 | 6FT | | | 118-74-1 | 330 660 | | | V Z |
| 48195 | O, | 2 FT | | | 118-74-1 | 760 | | | Ž. |
| 48195 | 2 | 4FT | BH00102PE | HEXACHLOROBENZENE | 118-74-1 | 790 | 790 ug/K | U | Z |
| 48295 48295 | 0; | 2 FT 4 FT | | | 118-74-1 | 740 | 740 ug/K | 10 | Z |
| 48295 | 4 | 6:FT | | | 118-74-1 118-74-1 | 770 790 | | | Z Z |
| 48395 | 2 | 4 FT | | | 118-74-1 | 790 660 | | Ü | Z |
| 48395 | 4 | 5 FT | BH00109PE | HEXACHLOROBENZENE | 118-74-1 | 750 | 750 ug/Kg | U | Z |
| 48395 | 0 . | 2 FT | | HEXACHLOROBENZENE | 118-74-1 | 810 | 810 ug/Kg | U | Z |
| 41593 42193 | 4 0 | 6 FT 5 FT | | HEXACHLOROBUTADIENE HEXACHLOROBUTADIENE | 87-68-3 87-68-3 | 440 360 | | | V |
| 42193 | 1 | 6 FT | | HEXACHLOROBUTADIENE HEXACHLOROBUTADIENE | 87-68-3 87-68-3 | 360, 390 | 360 ug/Kg 390 ug/Kg | | J |
| 42493 | 5 | 7/IN | SS40083AE | HEXACHLOROBUTADIENE | 87-68-3 | 350 | 350 ug/Kg | | V |
| 42493 | 0 | 5 FT | BH40440AE | HEXACHLOROBUTADIENE | 87-68-3 | 360 | 360 ug/Kg | U | V |
| 42593 43393 | 0 | 5 FT | | HEXACHLOROBUTADIENE | 87-68-3 | 360 | 360 ug/Kg | | V |
| 43393 43493 | 5 | 5 FT 10 FT | | HEXACHLOROBUTADIENE HEXACHLOROBUTADIENE | 87-68-3 87-68-3 | 360 370 | 360 ug/Kg 370 ug/Kg | | V Z |
| 43493 | 0 | 5 FT | | | 87-68-3 | 380 | 380:ug/Kg | | Z |
| 43693 | O _i | 5 FT | BH40520AE | HEXACHLOROBUTADIENE | 87-68-3 | 360 | 360 ug/Kg | U 1 | V |
| 46593 | 1 | 7 FT | | HEXACHLOROBUTADIENE | 87-68-3 | 330 | 360 ug/Kg | Ü | V |
| 46593 46693 | 7 | 8)IN 7 FT | | | 87-68-3 | 330 | 390 ug/Kg | | J |
| 46793 | 0 | 6 FT | | HEXACHLOROBUTADIENE HEXACHLOROBUTADIENE | 87-68-3 87-68-3 | 330 330 | 380 ug/Kg 370 ug/Kg | | v V |
| 46893 | 0 | 7 FT | | | 87-68-3 | 330 | 370 ug/Kg | | V |
| 46993 | 1 | 5 FT | BH40810AE | HEXACHLOROBUTADIENE | 87-68-3 | 330 | 350 ug/Kg | U | V |
| 46993 | 10 | 16 IN | | | 87-68-3 | 330 | 380 ug/Kg | | V |
| 47093 48195 | 4 | 7 FT 6 FT | | | 87-68-3 87-68-3 | 330 660 | 350 ug/Kg | | V Z |
| 48195 | o | 2 FT | | | 87-68-3 | 760 | 660 ug/Kg 760 ug/Kg | | Z |
| 48195 | 2 | 4 FT | | | 87-68-3 | 790 | 790 ug/Kg | 10 | Z |

| LOCATION | DEPTH | LOEPTHI | AUNITAN | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for S | Subsurface Soils Less Th | an 6 Feet - Org | | LAB RESULT | VALIDATION |
|----------------|---------|--------------|---------|-----------------------|--|--------------------------|-----------------|--------------------------------|------------|--------------|
| CODE | START | END | CODE | SAMPLE NUMBER | Analyte | CAS NO | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER |
| 48295 | 2 | | | | HEXACHLOROBUTADIENE | 187-68-3 | 740 770 | | | Z |
| 48295 | 4 | | | | HEXACHLOROBUTADIENE HEXACHLOROBUTADIENE | 87-68-3 87-68-3 | 770 | | | Z |
| 48395 | 2 | 4 | FT | BH00108PE | HEXACHLOROBUTADIENE | 87-68-3 | 660 | 660 ug/Kg | J | Z |
| 48395 | 4 | | | | HEXACHLOROBUTADIENE | 87-68-3 | 750 | | | <u>z</u> |
| 41593 | 0 4 | | | | HEXACHLOROBUTADIENE HEXACHLOROCYCLOPENTADIENE | 87-68-3 77-47-4 | 810 440 | | | Z V |
| 42193 | O | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 360 | 360 ug/Kg I | J | v |
| 42293 | 1 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 390 | | | J |
| 42493 | 5 0 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 77-47-4 | 350 360 | | | <u>v</u> |
| 42593 | 0 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 360 | | | V |
| 43393 | 0 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 360 | 360 ug/Kg l | J i | V |
| 43493 43493 | 5 0 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 370 380 | | | Z Z |
| 43693 | 0 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 360 | | | <u> </u> |
| 46593 | 1 | | FT | BH40786AE | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | 360 ug/Kg l | j l | V |
| 46593 46693 | 7 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | | | j |
| 46793 | 0 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 330 | 380 ug/Kg l | | <u>v</u> |
| 46893 | 0 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | 370 ug/Kg l | | v |
| 46993 | 1 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | | | V |
| 46993 47093 | 10 1 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 77-47-4 | 330 330 | 380 ug/Kg l 350 ug/Kg l | | <u>V</u> |
| 48195 | 4 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 660 | 660jug/Kg L | | <u>v</u> |
| 48195 | 0 | 2 | FT | BH00101PE | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 760 | 760 ug/Kg l | J | Z |
| 48195 | 2 | | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 790 740 | 790 ug/Kg il | | Z |
| 48295 | 2 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 740 770 | 740/ug/Kg l 770/ug/Kg l | | Z Z |
| 48295 | 4 | 6 | | | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 790 | 790 ug/Kg (| | <u>Z</u> |
| 48395 | 2 | | | BH00108PE | HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 660 | 660 ug/Kg | J | Z |
| 48395 48395 | 4 | | | | HEXACHLOROCYCLOPENTADIENE HEXACHLOROCYCLOPENTADIENE | 77-47-4 77-47-4 | 750 | 750 ug/Kg L | | Z |
| 41593 | 4 | | | | HEXACHLOROETHANE | 67-72-1 | 810 440 | 810 ug/Kg l 440 ug/Kg l | | Z V |
| 42193 | 0. | . 5)F | FT | BH40427AE | HEXACHLOROETHANE | 67-72-1 | 360 | 360 ug/Kg | | v |
| 42293 | | | | | HEXACHLOROETHANE | 67-72-1 | 390 | 390 ug/Kg L | | J |
| 42493 | 5 0, | | | | HEXACHLOROETHANE HEXACHLOROETHANE | 67-72-1 67-72-1 | 350) 360 | 350)ug/Kg L 360 ug/Kg L | | V V |
| 42593 | O, | | | | HEXACHLOROETHANE | 67-72-1 | 360 | 360 ug/Kg L | | <u>v</u> |
| 43393 | 0, | | | | HEXACHLOROETHANE | 67-72-1 | 360 | 360 ug/Kg L | J I | V |
| 43493 43493 | 5 0 | 10 F | | | HEXACHLOROETHANE | 67-72-1 | 370 | 370 ug/Kg L | | Z |
| 43693 | 0 | 5)F | | | HEXACHLOROETHANE HEXACHLOROETHANE | 67-72-1 67-72-1 | 380) 360) | 380 ug/Kg L 360 ug/Kg L | | Z V |
| 46593 | 1 | | | | HEXACHLOROETHANE | 67-72-1 | 330 | 360 ug/Kg L | | ž – – |
| 46593 | 7 | | | | HEXACHLOROETHANE | 67-72-1 | 330 | 390jug/Kg L | | J |
| 46693 46793 | 0, | | | | HEXACHLOROETHANE HEXACHLOROETHANE | 67-72-1 67-72-1 | 330 330 | 380.ug/Kg L | | <u>V</u> |
| 46893 | 0 | 7(F | | | HEXACHLOROETHANE | 67-72-1 | 330 | 370 ug/Kg L 370 ug/Kg L | | v v |
| 46993 | 1 | | | | HEXACHLOROETHANE | 67-72-1 | 330 | 350 ug/Kg L | j j | V |
| 46993 47093 | 10 | | | | HEXACHLOROETHANE | 67-72-1 | 330 | 380 ug/Kg L | | v |
| 48195 | 4 | | | | HEXACHLOROETHANE HEXACHLOROETHANE | 67-72-1 67-72-1 | 330 660 | 350 ug/Kg L 660 ug/Kg L | | Z Z |
| 48195 | 0 | 2 F | | | HEXACHLOROETHANE | 67-72-1 | 760 | 760 ug/Kg L | | Ž |
| 48195 | 2 | | | | HEXACHLOROETHANE | 67-72-1 | 790 | 790 ug/Kg L | j į | Z |
| 48295 48295 | 2 | | | | HEXACHLOROETHANE HEXACHLOROETHANE | 67-72-1 67-72-1 | 740 770 | 740 ug/Kg L 770 ug/Kg L | | Z Z |
| 48295 | 4 | | | | HEXACHLOROETHANE | 67-72-1 | 790 | 790 ug/Kg L | | 2 |
| 48395 | 2 | 4 F | -T | BH00108PE | HEXACHLOROETHANE | 67-72-1 | 660 | 660 ug/Kg L | Į į | Z |
| 48395 48395 | 4 | | | | HEXACHLOROETHANE HEXACHLOROETHANE | 67-72-1 | 750 | 750 ug/Kg L | | Z |
| 48395 | 4 | | | | HEXYL ETHER (TIC) | 67-72-1 112-58-3 | 810 | 810 ug/Kg U 900 ug/Kg J | | Z Z |
| 41593 | 4 | 6 F | -T [| BH40419AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 440 | 440 ug/Kg L | 1, | V |
| 42193 | 0, | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 360 | 360 ug/Kg L | , | v . |
| 42293 42493 | 1) 5 | 6 F | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 | 390 350 | 390 ug/Kg L 350 ug/Kg L | | J ✓ |
| 42593 | 0 | | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 360 | 360 ug/Kg L | | ÿ . |
| 43393 | 0 | 5 F | ·T | BH40512AE | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 360 | 360 ug/Kg L | | / |
| 43493 43493 | 5 | 10 F | | | INDENO(1,2,3-CD)PYRENE | 193-39-5 | 370 | 370 ug/Kg L | | Ž |
| 43693 | 0 | 5 F | | | INDENO(1,2,3-CD)PYRENE INDENO(1,2,3-CD)PYRENE | 193-39-5 | 380 360 | 380 ug/Kg U 360 ug/Kg U | | |
| 46593 | 1 | 7 F | T (| BH40786AE | NDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 360 ug/Kg L | ļ · | / |
| 46593 46693 | 7 | 8 11 | | | NDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 390 ug/Kg L | | |
| 46793 | 0 | 7 F | | | NDENO(1,2,3-CD)PYRENE NDENO(1,2,3-CD)PYRENE | 193-39-5 193-39-5 | 330 330 | 380 ug/Kg U 370 ug/Kg U | | |
| 46893 | o | 7 F | т . | | NDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 370 ug/Kg U | | |
| 46993 | 1 | 5 F | T | BH40810AE | NDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 350 ug/Kg ¦U | | / |
| 46993 47093 | 10 | 16 II 7 F | | | NDENO(1,2,3-CD)PYRENE | 193-39-5 | 330 | 380 ug/Kg U | | |
| 48195 | 4 | 6,F | | | NDENO(1,2,3-CD)PYRENE NDENO(1,2,3-cd)PYRENE | 193-39-5 193-39-5 | 330 660 | 350 ug/Kg U 660 ug/Kg U | | Z |
| 48195 | 0 | 2 F | T [| BH00101PE | NDENO(1,2,3-cd)PYRENE | 193-39-5 | 760 | 760 ug/Kg U | | Z |
| 48195 | 2 | 4!F | | | NDENO(1,2,3-cd)PYRENE | 193-39-5 | 790 | 790 ug/Kg U | | Z |
| 48295 48295 | 0 | 2 F | | | NDENO(1,2,3-cd)PYRENE NDENO(1,2,3-cd)PYRENE | 193-39-5 193-39-5 | 740 770 | 740 ug/Kg U 770 ug/Kg U | | Z Z |
| 48295 | 4 | 6 F | | | NDENO(1,2,3-cd)PYRENE | 193-39-5 | 770 | 770 ug/kg U | | ž |
| 48395 | 2 | 4 F | | | NDENO(1,2,3-cd)PYRENE | 193-39-5 | 660 | 660 ug/Kg U | | Z |

| | LOCATION | DEPTH | DEPTH | UNIT | Table A.7 Solar Evapor | ation Ponds AOC - A | nalytical Results for Subsurface 5 | SOIIS LOSS IF | DETECTION | anics | | LAB RESULT | VALIDATIO |
|--|----------|-------|---------|----------------|------------------------|---------------------|------------------------------------|---------------|-----------|--------|-------|------------|-----------|
| 4895 0 2 FT 9160107PE 100ENG) 2-AGPTERE 193-9-9 140 210 100ENG U V V V V V V V V V | | | | | SAMPLE NUMBER | A | Analyte | CAS NO. | | RESULT | UNITS | | QUALIFIER |
| 1550 1 | 48395 | 4 | 5 F | -T | BH00109PE | INDENO(1,2,3-cd)P | | | | | | | |
| 2755 0 SFT BHOGATAE ISOPHORONE 77-59-1 350 MOGNEY U V V V V V V V V V | | 0 | <u></u> | | | | | | | | | | |
| 1299 1 | | | | | | | | | | | | | |
| 12460 S | | | | | | | | | | | | | |
| 1997 | | | | | | | | | | | | | |
| 2255 0 SFT BINGUEBEE ISCH-PICKNE 74-9-1 180, 360,976; U V V V V V V V V V V V V V V V V V V | | | | | | | | | | | | | |
| SEPT BH-MSD126E ISCH-MONDE 79-59-1 38C 390 UPV U Z 2450 3 | | | | | | | | | | | | | |
| SASSES S. 10 P. BH00322AE SEPPHORONE 77-86-1 31C 370 370 370 370 340 3 | | | | | | | | | | | | | |
| SASSI 0 SFT SH4050164 SSOPHONORE 77-66-1 360 380 380 380 360 | | | | | | | | | | | | | |
| 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.0000000 0.0000000 0.0000000 0.00000000 | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| ABSS | | | | | | | | | | | | | |
| 4665 0 Fift BH-407934E SCOPHORONE 79-59-1 330 380 uping U V V V V V V V V V | | | | | | | | | | | | | |
| 48793 0 677 89407984E ISOPHORONE 78-86-1 330 370_upt6 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 8940 U V V 4860 0 77.07 0 78.07 U V V 4860 0 77.07 U V V 4860 0 77.07 U V V V V V V V V V | | | | | | | | | | | | | |
| 16895 C Fiff BH-WOODALE ISOPHORONE 74-60-1 330, 370-up/80 U V V V V V V V V V | | | | | | | | | | | | | |
| 46993 10 16 N \$\$401446 \$\$0\$PHORONE 76-96-1 333 3801g876 U V V V V V V V V V | | 0 | 7(F | | | | | 78-59-1 | 330 | | | | V |
| 1797 18409184E SOPHORONE 778-09-1 350 350,1976 U V 44995 4 6FF 88401039FE SOPHORONE 778-09-1 660 6800976 U Z 2 2 2 2 2 2 2 2 2 | 46993 | 1 | 5)F | -1 | BH40810AE | ISOPHORONE | | 78-59-1 | 330 | 350 | ug/Kg | U | V |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | 46993 | 10 | 16] | | SS40144AE | ISOPHORONE | 1 | 78-59-1 | 330 | 380 | ug/Kg | | |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | | 1 | 7,F | - T | BH40816AE | ISOPHORONE | | | | 350, | ug/Kg | | |
| ### ### ### ### ### ### ### ### ### ## | | | | | | | | | | | | | |
| 46295 C | | | | | | | | | | | | | |
| ### ### ### ### ### ### ### ### ### ## | | | | | | | | | | | | | |
| ### ### ### ### ### ### ### ### ### ## | | | | | | | | | | | | | |
| 48395 2 | | | | | | | | | | | | | |
| 4895 4 5 FT 89-00109PE ISOPHORONE 78-59-1 810, 10 1010µfg U Z 4895 4 50 FT 89-00109PE ISOPHORONE 78-99-1 810, 10 1010µfg U V 4895 4 5 FT 89-001040FE ISOPHORONE 78-99-1 810, 10 1010µfg U V 4895 4 5 FT 89-001040FE ISOPHORONE 72-43-5 110, 1101µfg U V 4895 4 5 FT 89-001040FE ISOPHORONE 72-43-5 81, 10 101µfg U V 4895 1 5 FT 89-001040FE ISOPHORONE 72-43-5 81, 10 1101µfg U V 4895 0 5 FT 89-001040A6FE IMETHONYCHOR 72-43-5 86, 10 1010µfg U V 4893 0 5 FT 89-001040A6FE IMETHONYCHOR 72-43-5 88, 10 1010µfg U V 4893 5 10 FT 89-001040E IMETHONYCHOR 72-43-5 88, 10 1010µfg U V 4893 0 5 FT 89-001040E IMETHONYCHOR 72-43-5 88, 10 1010µfg U V 4893 0 5 FT 89-001040E IMETHONYCHOR 72-43-5 88, 10 1010µfg U V 4893 0 5 FT 89-001040E IMETHONYCHOR 72-43-5 88, 10 1010µfg U V 4893 | | | | | | | | | | | | | |
| 48385 0 2 FT B-H00107PE ISOPHORONE 78-59-1 810, 810ug/kg U V V V V V V V V V | | | | | | | | | | | | | |
| 4 6FF | | | | | | | | | | | | | |
| 42193 0 5 FT | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| 12493 D SIFT BH4040AE METHOXYCHLOR 772-3-5 86 96 1976 10 V 12493 5 10 FT BH40512AE METHOXYCHLOR 772-3-5 86 86 1976 U V 12493 5 10 FT BH40512AE METHOXYCHLOR 772-3-5 89 89 1976 U V 12493 5 10 FT BH40518AE METHOXYCHLOR 772-3-5 89 89 1976 U V 12493 | | | | | | | | | | | | | |
| 43930 0 S FT BH40912AE METHOXYCHLOR 72-43-5 66 89 ug/Ng U V 43493 5 10 FT BH4092AE METHOXYCHLOR 72-43-5 89 89 ug/Ng U V 43493 0 S FT BH4092AE METHOXYCHLOR 72-43-5 89 89 ug/Ng U V 43493 0 S FT BH4092AE METHOXYCHLOR 72-43-5 80 89 ug/Ng U V 43493 0 S FT BH4092AE METHOXYCHLOR 72-43-5 80 89 ug/Ng U V 43693 1 FT FT BH409BAE METHOXYCHLOR 72-43-5 80 80 ug/Ng U V 43693 7 U V 43693 7 U W 43693 7 U W 43693 7 U W 44793 80 ug/Ng U W 44793 80 ug/Ng U W 44793 80 ug/Ng U W 44793 80 ug/Ng U W 44793 80 ug/Ng U W 44893 9 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 44893 0 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 44893 1 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 44893 1 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 44893 1 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 47093 1 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 47093 1 U FT BH409BAE METHOXYCHLOR 72-43-5 80 ug/Ng U W 47093 1 U | | | | | | | | | | 86 | ug/Kg | 71 | |
| 43493 5 10 FT BH40322AE METHOXYCHLOR 72-43-5 89 89 99 99 99 99 99 9 | | | | | | | | | | | | | |
| 43493 0 5 FT BH40519AE METHOXYCHLOR 7243-5 92 92 W/Ng IU V V 45993 0 5 FT BH40520AE METHOXYCHLOR 7243-5 86 86 86 M/Ng IU V V 46993 1 7 FT BH40520AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 1 7 FT BH4079AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 7 B IN SS40140AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 0 7 FFT BH4079AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 0 7 FFT BH4079AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 0 7 FFT BH4079AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 1 5 FT BH4080AE METHOXYCHLOR 7243-5 80 97 M/Ng IU V V 46993 1 5 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4080AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-5 80 80 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 7 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 7 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 FT BH4060AE METHOXYCHLOR 7243-6 M/Ng IU V V 46993 1 7 | | | | | | | | | | | | | |
| 45993 0 5 FT | | | | | | | | | | | | | |
| 48993 1 7 FT BH4078BAE METHOXYCHLOR 72-43-5 80 87 upy/g U V | | | | | | | | | | | | | |
| A6993 7 SIN SS40140AE METHOXYCHLOR 72-43-5 80 93 upy/s U V V A6993 0 7 7 81 H0792AE METHOXYCHLOR 72-43-5 80 94 upy/s U V V A6993 0 6 FT 81 H0792AE METHOXYCHLOR 72-43-5 80 95 upy/s U V V A6993 0 7 7 81 H080140AE METHOXYCHLOR 72-43-5 80 95 upy/s U V V A6993 1 5 FT 81 H080140AE METHOXYCHLOR 72-43-5 80 85 upy/s U V V A6993 1 5 FT 81 H080140AE METHOXYCHLOR 72-43-5 80 85 upy/s U V V V V V V V V V | | | | | | | | | | | | | |
| 46693 0 7 FF B H0792AE METHOXYCHLOR 72-43-5 80 80 94 94 94 94 94 94 94 9 | 46593 | 7 | 81 | | | | | 72-43-5 | | | | | |
| 46973 0 6 FT B H40796AE METHCXYCHLOR 72-43-5 80 80 91 10 V V 46993 0 7 FT B H4090AE METHCXYCHLOR 72-43-5 80 80 90 10 V V 46993 1 5 FT B H40910AE METHCXYCHLOR 72-43-5 80 86 91 10 V V 46993 1 5 FT B H40910AE METHCXYCHLOR 72-43-5 80 80 92 10 V V 47093 1 7 FT B H40916AE METHCXYCHLOR 72-43-5 80 80 92 10 V V 47093 1 7 FT B H40916AE METHCXYCHLOR 72-43-5 80 80 92 10 V V V 47093 1 7 FT B H40916AE METHCXYCHLOR 72-43-5 80 80 92 10 V V V V V V V V V | 46693 | 0 | 7 F | - T | BH40792AE | METHOXYCHLOR |) | 72-43-5 | 80 | | | | |
| 1 | 46793 | 0 | 6 F | -7 | BH40798AE | METHOXYCHLOR | j. | 72-43-5 | 80 | | | | V |
| 48993 10 16 N SS40144AE METHOXYCHLOR 72-43-5 80 86 0976 U V V V V V V V V V | | 0 | 7 F | -T | BH40804AE | METHOXYCHLOR | | 72-43-5 | | 90 | ug/Kg | | |
| 1 | | | | | | | | | | | | | |
| SP0387 2 | | | | | | | | | | | | | |
| 1 2 FT BH00082AE METHYLENE CHLORIDE 75-09-2 5 Sug/Kg U J | | | | | | | | | | | | | <u>V</u> |
| Section Sect | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| 05993 2 2 FT | | | | | | | | | | | | | |
| 1 2 FT | | | | | | | | | | | | | |
| 40933 4 S.FT | | | | | | | | | | | | | |
| A0293 2 2 FT | | | | | | | | | | | | | |
| 40939 2 2 FT BH40151AE METHYLENE CHLORIDE 75-09-2 6 6-0g/kg U V V V V V V V V V | | | | | | | | | | | | | |
| 1 2 FT BH40151AE METHYLENE CHLORIDE 75-09-2 6 7 Uy/Kg V V V V V V V V V | | | | | | | | | | | | | |
| 40793 5 | | | | | | | | | | | | | |
| 40793 | | | | | | | | | | | | | |
| 40893 | | | | | | | | | ~~~ | | | | |
| 1 | | 4 | | -T | BH40032AE | | | 75 00 0 | 5 | | -4/- | | |
| 49993 5 6 FT BH40203AE METHYLENE CHLORIDE 75-09-2 5 1 ug/Kg J A | | | 1 F | -Т | BH40031AE | METHYLENE CHLC | RIDE | | | | | U | J |
| 1 2 FT BH40050AE METHYLENE CHLORIDE 75-09-2 6 6 Ug/Kg U V | | | | | | | | | | 1 | ug/Kg | J | |
| 1 2 FT | | | | | | | | | | | | | |
| 41593 5 5 FT BH40211AE METHYLENE CHLORIDE 75-09-2 5 5 10 7 5 5 | | | | | | | | | | | | | |
| 41593 4 6 FT BH40419AE METHYLENE CHLORIDE 75-09-2 280 ug/Kg J IZ 41693 2 2 FT BH40218AE METHYLENE CHLORIDE 75-09-2 5 8 ug/Kg IV 41793 2 3 FT BH4024AE METHYLENE CHLORIDE 75-09-2 5 8 ug/Kg J IA 41793 5 6 FT BH40245AE METHYLENE CHLORIDE 75-09-2 6 4 ug/Kg J IA 41793 5 6 FT BH40064AE METHYLENE CHLORIDE 75-09-2 6 4 ug/Kg J IA 41993 5 5 FT BH40063AE METHYLENE CHLORIDE 75-09-2 5 2 ug/Kg J IA 41993 1 2 FT BH40063AE METHYLENE CHLORIDE 75-09-2 5 6 ug/Kg IV 42093 1 1 2 FT BH40063AE METHYLENE CHLORIDE 75-09-2 5 6 ug/Kg IV 42193 1 2 FT BH40063AE METHYLENE CHLORIDE 75-09-2 29 29 ug/Kg IV 42193 1 2 FT BH40436AE METHYLENE CHLORIDE 75-09-2 12 12 ug/Kg IV 42293 I 4 FT BH4025AAE METHYLENE CHLORIDE 75-09-2 12 12 ug/Kg IV 42393 1 1 IFT BH4026AAE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg IV 42493 1 5 FT BH4028AAE METHYLENE CHLORIDE 75-09-2 6 7 ug/Kg IV 42493 1 5 FT BH4028AAE METHYLENE CHLORIDE 75-09-2 6 7 ug/Kg IV 42493 2 3 FT BH4028AAE METHYLENE CHLORIDE 75-09-2 6 7 ug/Kg IV 42593 5 6 FT BH4028AAE METHYLENE CHLORIDE 75-09-2 5 2 ug/Kg IV 42593 1 1 IFT BH4028AAE METHYLENE CHLORIDE 75-09-2 6 8 ug/Kg IV 42593 5 6 FT BH4028AAE METHYLENE CHLORIDE 75-09-2 5 31 ug/Kg IV 42593 5 6 FT BH4028AAE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 42593 5 6 FT BH40326AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43393 5 6 FT BH4034AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43393 5 6 FT BH4035AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43393 5 6 FT BH4035AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43393 5 6 FT BH4035AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43493 2 2 FT BH4035AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43493 2 2 FT BH4035AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43493 2 2 FT BH4035AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg IV 43493 2 2 FT BH4035AE METHYLENE CHLORIDE 75-09-2 6 6 0 ug/Kg IV 43493 2 2 FT BH4035AE METHYLENE CHLORIDE 75-09-2 6 6 0 ug/Kg IV 43493 5 6 FT BH4035AE METHYLENE CHLORIDE 75-09-2 6 6 0 ug/Kg IV 43493 5 6 FT BH4035AE METHYLENE CHLORIDE 75-09-2 6 6 0 ug/Kg IV 43493 5 6 FT BH4035AE METHYLENE CHLORIDE 75-09-2 6 6 0 ug/Kg IV 43493 5 6 FT | | | | | | | | | | | | | |
| A1693 2 2 FT | | | | | | | | | 5 | | | | |
| A1793 2 3 FT BH40244AE METHYLENE CHLORIDE 75-09-2 5 3 ug/Kg J A A1793 5 6 FT BH40245AE METHYLENE CHLORIDE 75-09-2 6 4 ug/Kg J A A1993 5 5 FT BH40064AE METHYLENE CHLORIDE 75-09-2 5 2 ug/Kg J A A1993 2 2 FT BH40063AE METHYLENE CHLORIDE 75-09-2 5 6 ug/Kg J A A1993 2 2 FT BH40064AE METHYLENE CHLORIDE 75-09-2 5 6 ug/Kg J V A2093 1 2 FT BH40484AE METHYLENE CHLORIDE 75-09-2 29 29 ug/Kg U IV A2193 1 2 FT BH40486AE METHYLENE CHLORIDE 75-09-2 12 12 ug/Kg U IV A2293 4 4 FT BH40254AE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U IV A2393 1 1 FT BH40264AE METHYLENE CHLORIDE 75-09-2 6 7 ug/Kg IV A2493 5 5 FT BH40284AE METHYLENE CHLORIDE 75-09-2 5 2 ug/Kg J A A2493 2 3 FT BH40284AE METHYLENE CHLORIDE 75-09-2 5 2 ug/Kg J A A2493 2 3 FT BH40284AE METHYLENE CHLORIDE 75-09-2 5 2 ug/Kg V A2593 5 6 FT BH40284AE METHYLENE CHLORIDE 75-09-2 5 3 ug/Kg V A2593 5 6 FT BH40284AE METHYLENE CHLORIDE 75-09-2 5 3 ug/Kg V A2593 5 6 FT BH40326AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg V A2593 5 6 FT BH40345AE METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg U V A2593 5 6 FT BH40345AE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U V A3393 2 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg J A A3393 2 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg J A A3393 2 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg U V A3493 2 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg U V A3493 2 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U V A3493 5 6 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U V A34933 5 6 FT BH40326AE | | | | | | | | | | | | | |
| 41193 5 | | | | | | | | | | | | | |
| A A A A A A A A A A | | | | | | | | | | | | | |
| 1993 2 2 FT BH40063AE METHYLENE CHLORIDE 75-09-2 5 6 19/Kg V | | | | | | | | | | | | | |
| 1 2 FT | | | | | | | | | | | | | |
| 42193 1 2 FT BH40436AE METHYLENE CHLORIDE 75-09-2 12 12 12 19 16 17 19 19 19 19 19 19 19 | | | | | | | | | | | | | |
| 4 4 FT BH40254AE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U J | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| 42493 5 5 FT BH40284AE METHYLENE CHLORIDE 75-09-2 5 2 Lug/Kg J IA 42493 2 3 JFT BH40283AE METHYLENE CHLORIDE 75-09-2 6 8 Lug/Kg IV 42593 5 6 FT BH40292AE METHYLENE CHLORIDE 75-09-2 5 31 Lug/Kg IV 42593 1 1 2 JFT BH40143AE METHYLENE CHLORIDE 75-09-2 5 5 Lug/Kg IV 42993 5 6 JFT BH40145AE METHYLENE CHLORIDE 75-09-2 6 6 Lug/Kg IV 42993 5 6 JFT BH40345AE METHYLENE CHLORIDE 75-09-2 6 6 Lug/Kg IV 43193 2 2 JFT BH40307AE METHYLENE CHLORIDE 75-09-2 11 1 11 Lug/Kg IV 43393 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 Lug/Kg IV 43393 2 2 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 Lug/Kg IV 43493 2 2 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 5 Lug/Kg IV 43493 2 2 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 43493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 44493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 44493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 44493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUg/Kg IV 44493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/Kg IV 44493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/Kg IV 44493 5 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/Kg IV 44493 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/Kg IV 44493 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/Kg IV 44493 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/Kg IV 44493 6 JFT BH40326AE METHYLENE CHLORIDE 75-09-2 6 GLUG/KG IV | | | | | | | | | | | | | |
| 42493. 2 3 FT BH40283AE METHYLENE CHLORIDE 75-09-2 6 8 Ug/Kg V 42593 5 6 FT BH40292AE METHYLENE CHLORIDE 75-09-2 5 31 Ug/Kg V 42593 1 2 FT BH40143AE METHYLENE CHLORIDE 75-09-2 5 5 Ug/Kg U V 42993 5 6 FT BH40145AE METHYLENE CHLORIDE 75-09-2 6 6 Ug/Kg U V 43193 2 2 FT BH40307AE METHYLENE CHLORIDE 75-09-2 11 1 Ug/Kg U V 43193 5 6 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 Ug/Kg U V 43393 5 6 FT BH40325AE METHYLENE CHLORIDE 75-09-2 6 2 Ug/Kg U V 434393 2 2 FT BH40325AE METHYLENE CHLORIDE 75-09-2 6 2 Ug/Kg U V 43493 2 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 5 Ug/Kg U V 43493 5 6 FT BH40320AE METHYLENE CHLORIDE 75-09-2 6 6 Ug/Kg U V 43493 5 6 FT BH40321AE METHYLENE CHLORIDE 75-09-2 6 6 Ug/Kg U V | | | | | | | | | | | | | |
| 42593 5 6 FT BH40292AE METHYLENE CHLORIDE 75-09-2 5 31 lug/kg V 42993 1 2 FT BH40143AE METHYLENE CHLORIDE 75-09-2 5 5 lug/kg U V 42993 5 6 FT BH40145AE METHYLENE CHLORIDE 75-09-2 6 6 lug/kg U V 43193 2 FT BH40307AE METHYLENE CHLORIDE 75-09-2 11 11 lug/kg U V 43193 5 6 FT BH40326AE METHYLENE CHLORIDE 75-09-2 11 11 lug/kg U V 43193 5 6 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 2 lug/kg J A 43193 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 5 5 lug/kg U V 43193 2 FT BH40326AE METHYLENE CHLORIDE 75-09-2 6 6 lug/kg U V 43193 5 6 FT BH40320AE METHYLENE CHLORIDE 75-09-2 6 6 lug/kg U V 43193 5 6 FT BH40320AE METHYLENE CHLORIDE 75-09-2 6 6 lug/kg U V | | | | | | | | | | | | | |
| 42993 1 2 FT BH40143AE METHYLENE CHLORIDE 175-09-2 5 5 'ug/Kg U V 42993 5 6 FT BH40145AE METHYLENE CHLORIDE 175-09-2 6 6 ug/Kg U IV 43193 2 2 FT BH40307AE METHYLENE CHLORIDE 75-09-2 11 11 ug/Kg U IV 43393 5 6 FT BH40325AE IMETHYLENE CHLORIDE 175-09-2 6 2 ug/Kg U IV 43493 2 2 FT BH40320AE IMETHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U IV 43493 5 6 FT BH40321AE IMETHYLENE CHLORIDE 175-09-2 6 6 ug/Kg U IV | | | | | | | | | | | | | |
| 42993 5 6 FT BH40145AE METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U V V V V V V V V V | | 1 | 2 F | | BH40143AE | METHYLENE CHLC | | | | | | | |
| 43193 2 2 FT BH40307AE METHYLENE CHLORIDE 75-09-2 11 11 12 17 17 18 19 19 19 19 19 19 19 | | | 6 F | -т | BH40145AE | METHYLENE CHLC | RIDE | 75-09-2 | 6 | 6)1 | ug/Kg | U j | |
| 43393 | | | | | | | | | | 11 | ug/Kg | U | |
| 43493 2 2 FT BH40320AE METHYLENE CHLORIDE 75-09-2 6 6 6 Ug/Kg U V V 43493 5 6 FT BH40321AE METHYLENE CHLORIDE 75-09-2 6 6 Ug/Kg U V | | | | | | | | | | 2 (| ug/Kg | J . | |
| 43493 5 6 FT BH40321AE METHYLENE CHLORIDE 75-09-2 6 6 Ug/Kg U V | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 43693 3 3 FT 18H40341AE METHYLENE CHLORIDE 175-09-2 6 6 0 09/Kg U V | | | | | | | | | | | | | |
| | 43693 | 3' | 3 F | -T | 1BH40341AE | METHYLENE CHLC | RIDE 17 | 75-09-2 | 6; | 6 1 | ug/Kg | U (| V |

| INCOMES PAPER PA | I-OCATION I | перты | DEPTH UNIT | Table A.7 Solar Evapo | ration Ponds A | | or Subsurface Soils Less | | | LAB RESULT | TVALIDATION |
|---|-------------|-------|------------|-----------------------|----------------|----------|--------------------------|-------------|-----------------------|--------------|---------------------------------------|
| 1975 S | | | | | | | | | | | |
| 1380 | | | | | | | | | 5 5 ug/Kg | ľU | V |
| 1999 1 1971 19493846 VETWILER CLORDE 75-002 5 19495 1 V | | | | | | | | | | | |
| 1995 1 | | | | | | | | | | | |
| 1935 S. FEFT SH400346 METYNLES CHORDE 79-092 12 1319076 U V V | | | | | | | | | | | |
| 1495 1 FFT B-MOSAGE METHYLESE CLORIDE 75-092 26 28-0976 U V A A A A A A A A A | | | | | | | | | | | |
| LIESS 2 2PT BENOTRACE METYLERE CHORDE | | | | | | | | | | | |
| GEOST STOPP | | | | | | | | | | | |
| 16665 1 | | | | | | | | | | | |
| 15895 2 217 SHADSTARE METHYLER CHURDED 75-00-2 6 50-1976 1 V V V V V V V V V | | 1 | 1 FT | | | | | · ~ | 7i 7iug/Kg | U | IV |
| 66993 9 617 BHADSTARE METYLERE CHORDEE 75-09-2 6 711,0976 1 V V C C C C C C C C | | | | | | | | | | | |
| GETSS 0 | | | | | | | | | | | |
| 14925 2 FT BH40506AE METHYLER CHLORIDE 175-042 6 Euging U V V V V V V V V V | | | | | | | | | | | |
| 16853 | | | | | | | | | | | |
| 167763 1 | | | | | | | | | | | |
| 148993 1 ZFT BP4074AAE METHYLENG CHCORDE 75-09-2 5 Siuping U V V 491993 3 FT BP4074AAE METHYLENG CHCORDE 75-09-2 5 Siuping U V V 491993 0 ZFT BP40710FE METHYLENG CHCORDE 75-09-2 5 Siuping U Z Z V V V V V V V V | | | | | | | | | | | |
| 46993 3 SIFT BH-0796RE METHYLENG CHLORIDE 75-09-2 5 Supring U V V 46995 2 4 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46996 2 4 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46996 2 4 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 2 4 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 2 4 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 4 6 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 4 6 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 4 6 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 4 5 HT BH-0701PE METHYLENG CHLORIDE 75-09-2 5 Supring U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 46295 4 SUPRING U Z 4 SUPRING U Z 4 SUPRING U Z 4 SUPRING U Z 4 SUPRING U Z 4 SUPRING U Z Z SUPRING U | | | | | | | | | | | |
| 48195 | | | | | | | | | | | |
| 48196 4 6 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 48296 2 41 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 48296 2 41 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 48296 2 41 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 2 48296 0 2 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 2 48296 0 2 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 2 48296 0 2 FT 6 HO010GPE METHYLENG CHLORIDE 75-09-2 5 5,000/60 U Z 2 48296 0 4 5 5 5 5 5 5 5 5 5 | | | | | | | | | | | |
| 48296 0 2 FT BH00104PE METHYLENG CHURIDE 75-00-2 5 5,1976 U Z 42295 4 6 FT BH00104PE METHYLENG CHURIDE 75-00-2 5 5,1976 U Z 42295 4 6 FT BH00104PE METHYLENG CHURIDE 75-00-2 5 5,1976 U Z 42295 4 6 FT BH00104PE METHYLENG CHURIDE 75-00-2 5 5,1976 U Z 42295 4 6 FT BH00104PE METHYLENG CHURIDE 75-00-2 5 5,1976 U Z 42295 4 6 FT BH00104PE METHYLENG CHURIDE 75-00-2 5 5,1976 U Z 42295 | | | | | | | | | | | |
| 48295 2 | | | | | | | | | | | |
| 48296 4 6 FT | | | 4!FT | | | | | | | | |
| 48385 4 5°FT BHOTOGREE METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209899 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 0 IFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 0 IFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 0 IFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 0 IFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 0 IFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 0 SEPT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P209199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6 Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 60 Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 60 Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 60 Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 60 Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201199 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201299 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201299 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201299 5° FIFT SEPT/SERROLOM METHYLER CHLORIDE 75-09-2 6° Sluy/kg J A P201299 5° FIFT SEPT/SERR | 48295 | 4 | 6¦FT | BH00106PE | METHYLENE | CHLORIDE | 75-09-2 | 5 | 5 ug/Kg | U | Z |
| P209989 S | | | | | | | | | | | |
| P209189 | | | | | | | | | | | |
| P209199 4 6 FT SEP1998BRAGG METHYLENE CHLORIDE 75-09-2 6 3Lugn/g J A P209499 4 5 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 5 5Lugn/g J A P209499 4 5 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P209499 4 5 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P209499 4 5 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P209499 4 5 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P209499 4 5 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 5 7 FT SEP2298BRAGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 0 2-FT SEP229BRAGGG METHYLENE CHLORIDE 75-09-2 6 2Lugn/g J A P210189 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | |
| P200489 0 IFT SEP2269BR0002 METHYLENE CHLORIDE 75-09-2 6 3 ug/kg 1 A P200889 4 SFT SEP2269BR0005 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 1 A P200889 0 2 FT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 1 A P200889 0 2 FT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 75-09-2 75 2 ug/kg 1 A P200899 0 2 FT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 75 2 2 ug/kg 1 A A P200899 0 2 FT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 75 2 400 ug/kg 18 A A P200899 0 2 FT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 75 2 5 0 5 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 75 2 5 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A P200899 4 SFT SEP2689BR000 METHYLENE CHLORIDE 75-09-2 6 2 ug/kg 18 A A Ug/kg | P209189 | 4 | | | | | 75-09-2 | | 2 ug/Kg | J | |
| P209889 0, 2 FT SEP2698PRO02 METHYLENE CHLORIDE 75-09-2 6; 2 U9/Kg J A P210189 5 7/FT SEP2698PRO05 METHYLENE CHLORIDE 75-09-2 720 450U9/Kg JB A A P210189 5 7/FT SEP2698PRO05 METHYLENE CHLORIDE 75-09-2 720 450U9/Kg JB A A P210189 5 7/FT SEP2698PRO02 METHYLENE CHLORIDE 75-09-2 65 2 U9/Kg J A A P210289 0 2/FT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 65 2 U9/Kg J A A P210289 0 2/FT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 6 2 U9/Kg J A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 6 2 U9/Kg J A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 6 2 U9/Kg JB A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 6 2 U9/Kg JB A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 6 2 U9/Kg JB A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 13 U9/Kg JB A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 13 U9/Kg JB A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 13 U9/Kg JB A A P210289 4 SFT SEP2698PRO02 METHYLENE CHLORIDE 77-09-2 13 U9/Kg U V V V V V V V V V | | | | | | | | | 3 lug/Kg | | A |
| P209899 4 6 FT SEP2699R0409 METHYLENE CHLORIDE 75-09-2 6 21ug/kg 1 A | | | | | | | | | | | |
| P210189 5 7FF SEP30898R0400 METHYLENE CHLORIDE 75-09-2 720 4801.0g/fg 18 A P210289 0 2 FF SEP30898R0002 METHYLENE CHLORIDE 75-09-2 650 501.0g/fg 18 A P210289 0 2 FF SEP31898R0002 METHYLENE CHLORIDE 75-09-2 6 21.0g/fg 18 A P210289 4 5 FF SEP31898R0405 METHYLENE CHLORIDE 75-09-2 6 21.0g/fg 18 A P210289 4 5 FF SEP31898R0405 METHYLENE CHLORIDE 75-09-2 6 21.0g/fg 18 A P3-05087 2 4 7 SEP31898R0405 METHYLENE CHLORIDE 75-09-2 131.0g/fg 18 A P3-05087 2 4 7 SEP31898R0405 METHYLENE CHLORIDE 75-09-2 131.0g/fg 18 A P3-05087 2 4 7 SEP31898R0405 METHYLENE CHLORIDE 75-09-2 131.0g/fg 18 A P3-05087 2 4 7 SEP31898R0405 METHYLENE CHLORIDE 75-09-2 131.0g/fg 18 A P3-05087 2 4 7 SEP3189R0405 METHYLENE CHLORIDE 75-09-2 131.0g/fg 19 V V V V V V V V V | | | | | | | | | | | |
| P210189 0 | | | | | | | | | | | |
| P210229 4 5 FT SEP318BR000B METHYLENE CHLORIDE 75-99-2 13 Jug/Kg JB A | | | | (SEP3089BR0002 | | | | | | | |
| SP0387 2 | | | | | | | | | | | |
| 46195 0 2 FT BH00101PE MPRISTIC ACID 544-83-8 9001ug/Kg JIN Z 14593 4 6 FT BH4049AE NAPHTHALENE 91-20-3 340 4 | | | | | | | | . 6 | | | A |
| 41993 4 6 FT BH40497AE NAPHTHALENE 91-20-3 360 360 Ug/Kg U V V V V V V V V V | | | | | | | | | | | Z |
| 1 6 FT | 41593 | | | | | | | 440 | | | |
| 42493 S 7 IN SS40083AE INAPHTHALENE 91-20-3 350 350 10/Kg U V V V V V V V V V | | | | | | | | | | | |
| 42493 0 5 FT | | | | | | | | | | | |
| 142593 0 5 FT | | | | | | | | | | | |
| 43493 5 10 FT BH40319AE NAPHTHALENE 91-20-3 370 | 42593 | | | | | | | | | | |
| 43493 0 SFT BH40510AE NAPHTHALENE 91-20-3 380 380 19/Kg U V V V V V V V V V | | | | | | | | | | | |
| 43893 0 5 FT BH40520AE NAPHTHALENE 91-20-3 350 360 360 U V V V V V V V V V | | | | | | | | | | | |
| 46593 1 | | | | | | | | | | | |
| 46693 O | | | | | | | | | | | |
| 46793 O | | | | | | | | | | | |
| 46893 O | | | | | | | | | | | |
| 46993 1 5 TT | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| 46993 10 | | | | | | | | | 350 ug/Kg | U | |
| 47093 | 46993 | 10, | 16 IN | SS40144AE | NAPHTHALEN | √E | 91-20-3 | 330 | 380 ug/Kg | U | įv |
| 48195 4 6 FT BH00103PE NAPHTHALENE 91-20-3 660 660 660 19/Kg U Z 48195 2 4 FT BH00102PE NAPHTHALENE 91-20-3 790 790 19/Kg U Z 48295 2 4 FT BH00105PE NAPHTHALENE 91-20-3 770 98 19/Kg J Z 48295 0 2 FT BH00104PE NAPHTHALENE 91-20-3 740 390 19/Kg J Z 48295 4 6 FT BH00106PE NAPHTHALENE 91-20-3 740 390 19/Kg U Z 48295 4 6 FT BH00106PE NAPHTHALENE 91-20-3 750 790 19/Kg U Z 48395 4 5 FT BH00107PE NAPHTHALENE 91-20-3 750 93 10/Kg J Z 48395 0 2 FT BH00107PE NAPHTHALENE 91-20-3 810 140 10/kg / G J Z 48395 2 4 FT BH00108PE NAPHTHALENE 91-20-3 660 660 660 19/Kg U Z 48295 0 2 FT BH00104PE In-DECANE 112-418-5 2000 19/Kg JN Z 48295 0 2 FT BH00104PE In-DECANE 112-40-3 1000 19/Kg JN Z 48295 2 4 FT BH00105PE In-DODECANE 112-40-3 1000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 300 10/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00105PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 3 5 FT BH00105PE In-HEXADECANE 544-76-3 400 100/Kg JN Z 48395 3 5 FT BH00447AE INTROBENZENE 98-95-3 360 360 19/Kg U V 4293 5 FT BH00440AE INTRO | | | | | | | | | | | |
| 48195 2 | | | | | | | | | | | |
| 48295 2 | 48195 | 2 | 4¦FT | IBH00102PE | | | | | | U | Z |
| 48295 4 6 FT BH00106PE NAPHTHALENE 91-20-3 790 790 190 | 48295 | 2 | 4'FT | BH00105PE | NAPHTHALEN | NE | 91-20-3 | 1 770 | 98 _i ug/Kg | J | Z |
| 48395 4 5 FT BH00109PE NAPHTHALENE 91-20-3 750 93\u00fcyfg J Z 48395 0 2 FT BH00107PE NAPHTHALENE 91-20-3 810 140\u00fcyfg J Z 48395 2 4 FT BH00108PE NAPHTHALENE 91-20-3 660 660\u00fcyfg U Z 48295 0 2 FT BH00104PE In-DECANE 112-40-3 660 660\u00fcyfg JN Z 48295 0 2 FT BH00104PE In-DODECANE 112-40-3 1000\u00fcyfg JN Z 48295 2 4 FT BH00105PE In-DODECANE 112-40-3 1000\u00fcyfg JN Z 48395 2 4 FT BH00108PE In-DODECANE 112-40-3 300\u00fc\u00fcyfg JN Z 48395 0 2 FT BH00107PE In-DODECANE 112-40-3 300\u00fc\u00fcyfg JN Z 48395 0 2 FT BH00107PE In-DODECANE 112-40-3 2000\u00fc\u00fcyfg JN Z 48395 4 5 FT BH00109PE In-DODECANE 112-40-3 2000\u00fc\u00fcyfg JN Z 48395 2 4 FT BH00108PE In-DODECANE 112-40-3 2000\u00fc\u00fcyfg JN Z 48395 2 4 FT BH00108PE In-DODECANE 544-76-3 400\u00fc\u00fcyfg JN Z 48395 2 4 FT BH00108PE In-HEXADECANE 544-76-3 400\u00fc\u00fcyfg JN Z 48395 4 5 FT BH00108PE In-HEXADECANE 544-76-3 400\u00fc\u00fcyfg JN Z 48395 4 6 FT BH00198PE In-HEXADECANE 544-76-3 400\u00fc\u00fcyfg JN Z 48395 4 6 FT BH00198PE In-HEXADECANE 544-76-3 400\u00fc\u00fcyfg JN Z 48395 4 6 FT BH00198PE In-HEXADECANE 544-76-3 400\u00fc\u00fcyfg JN Z 48395 4 6 FT BH00198PE In-HEXADECANE 544-76-3 360 360\u00fc\u00fcyfg JN Z 42493 0 5 FT BH00253AE NITROBENZENE 98-95-3 360 360\u00fc\u00fcyfg U V 42493 0 5 FT BH00440AE NITROBENZENE 98-95-3 360 360\u00fc\u00fcyfg U V 42593 0 5 FT BH00440AE NITROBENZENE 98-95-3 360 360\u00fc\u00fcyfg U V 42593 0 5 FT BH00440AE NITROBENZENE 98-95-3 360 360\u00fc\u00fc\u00fc\u00fc\u00fc\u00fc U V 42593 0 5 FT BH00440AE NITROBENZENE 98-95-3 360 3 | | | | | | | | | 390 ug/Kg | J | Z |
| 48395 0 2 FT BH00107PE NAPHTHALENE 91-20-3 810 140 ug/Kg J Z 48395 2 4 FT BH00108PE NAPHTHALENE 91-20-3 660 660 ug/Kg U Z 2 2 2 2 2 2 2 3 3 3 | | | | | | | | | | IU | Z |
| 48395 2 | | | | | | | | | | l) | Z |
| 48295 0 2 FT BH00104PE In-DECANE 124-18-5 2000 ug/kg JN Z | 48395 | 2 | 4 FT | BH00108PE | | | | | | Ū | Ž |
| 48295 2 | | 0 | 2 FT | BH00104PE | n-DECANE | | 124-18-5 | | 2000 ug/Kg | JN | Z |
| 48395 2 | | | | | | | | | | | |
| 48395 0 2 FT BH00107PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 4 5 FT BH00109PE In-DODECANE 112-40-3 2000 19/Kg JN Z 48395 2 4 FT BH00109PE In-HEXADECANE 544-76-3 400 19/Kg JN Z 48395 4 5 FT BH00109PE In-HEXADECANE 544-76-3 1000 19/Kg JN Z 41593 4 6 FT BH40419AE NITROBENZENE 198-95-3 440 440 19/Kg U V 42193 0 5 FT BH40427AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42293 1 6 FT BH40427AE NITROBENZENE 198-95-3 390 390 19/Kg U J 42493 5 7 IN S\$40083AE NITROBENZENE 198-95-3 350 350 19/Kg U V 42493 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 360 19/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 198-95-3 360 360 360 19/Kg U V 42593 0 5 FT 36/Kg NITROBENZENE 198-95-3 360 360 360 19/Kg U V 42593 0 5 FT 36/Kg NITROBENZENE 198-95-3 360 360 360 19/Kg U V 42593 0 5 FT 36/Kg NITROBENZENE 198-95-3 360 360 360 19/Kg U V 42593 0 5 FT 36/Kg NITROBENZENE 198-95-3 360 360 360 19/Kg U V 42593 0 5 FT 36/Kg NITROBENZEN | | | | | | | | | | | |
| 48395 | 48395 | | 2 FT | | | | | 1 | | JN | Z |
| 48395 4 5 FT BH00109PE n-HEXADECANE 544-76-3 1000 ug/Kg JN Z 41593 4 6 FT BH40419AE NITROBENZENE 98-95-3 440 440 Ug/Kg U V 42193 0 5 FT BH40427AE NITROBENZENE 99-95-3 360 360 ug/Kg U V 42293 1 6 FT BH40253AE NITROBENZENE 98-95-3 390 390 ug/Kg U V 42493 5 7 IN SS40083AE NITROBENZENE 99-95-3 350 350 ug/Kg U V 42493 0 5 FT BH40440AE NITROBENZENE 99-95-3 360 360 ug/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 99-95-3 360 360 ug/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 99-95-3 360 360 ug/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 99-95-3 360 360 ug/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 99-95-3 360 360 ug/Kg U V 42593 0 5 FT BH40440AE NITROBENZENE 99-95-3 360 360 ug/Kg U V | | 4 | 5FT | BH00109PE | n-DODECANE | | 112-40-3 | | 2000 ug/Kg | JN | Z |
| 41593 4 6 FT BH40419AE NITROBENZENE 98-95-3 440 440 ug/Kg U V V V V V V V V V | | | | | | | | 4 | 400 ug/Kg | JN | |
| 42193 0 5;FT BH40427AE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42293 1 6;FT BH40253AE NITROBENZENE 98-95-3 390 390 ug/Kg U J 42493 5 7;IN S\$40083AE NITROBENZENE 98-95-3 350 350 ug/Kg U V 42493 0 5;FT BH40440AE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT BH4044BAE NITROBENZENE 98-95-3 360 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 5;FT 360 ug/Kg U V 42593 0 | | | | | | | | 440 | | | <u> </u> |
| 42293 1 6 FT BH40253AE NITROBENZENE 98-95-3 390 390 lug/kg U J 42493 5 7 jiN ISS40083AE NITROBENZENE 98-95-3 350 350 lug/kg U V 42493 0 5 FT BH40440AE NITROBENZENE 98-95-3 360 360 lug/kg U V 42593 0 5 FT BH40448AE NITROBENZENE 98-95-3 360 360 lug/kg U V | | | | | | | | | | | |
| 42493 5 7 IN ISS40083AE NITROBENZENE 98-95-3 350 350 ug/kg U V 42493 0 5 FT IBH40440AE NITROBENZENE 98-95-3 360 360 ug/kg U V 42593 0 5 FT IBH4044BAE NITROBENZENE 98-95-3 360 360 ug/kg U V | 42293 | 1 | 6FT | BH40253AE | NITROBENZE | NE | 98-95-3 | 390 | 390 ug/Kg | U | |
| 42593 0 5 FT BH40448AE NITROBENZENE 98-95-3 360 360 U V | | | | | | | 98-95-3 | 350 | 350 ug/Kg | Ú | V |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 43493 5 10 FT BH40322AE INTROBENZENE 98-95-3 370 370 1g/Kg U IZ | | | | | | | | | | | |

| | | | Ta | able A.7 Solar Evano | ation Ponds AO | - Analytical Results for Subs | surface Soil | s Less Ti | uan 6 Feet - Oro | anics | | | |
|------------------|--------|---------------|------|----------------------|------------------------------|--------------------------------|-------------------|------------------|------------------|----------------|------------------------|--|------------|
| LOCATION | | DEPTH | UNIT | | | | | | DETECTION | 13.4 | A 1. | LAB RESULT | VALIDATION |
| CODE | START | | | SAMPLE NUMBER | | Analyte | | AS NO | LIMIT | RESULT | | | QUALIFIER |
| 43493 | 0 | 5 FT 5 FT | | | NITROBENZEN NITROBENZEN | | | 95-3 95-3 | 380 | | ug/Kg | | z V |
| 46593 | 1 | 7 FT | | | NITROBENZEN | | | 95-3 | 360 | | ug/Kg ug/Kg | | v |
| 46593 | 7 | 8 IN | | | NITROBENZEN | | | 95-3 | 330 | | ug/Kg | | J |
| 46693 | 0, | 7 FT | | | NITROBENZEN | | | 95-3 | 330 | | ug/Kg | | V |
| 46793 46893 | (O) | 6 FT 7 FT | | | NITROBENZEN | | | 95-3 | 330 | | ug/Kg | | ٧ |
| 46993 | 1 | 5'FT | | | NITROBENZEN NITROBENZEN | | | 95-3 95-3 | 330 | | ug/Kg ug/Kg | | v v |
| 46993 | 10 | 16 IN | | | NITROBENZEN | | | 95-3 | 330 | | ug/Kg | | <u>v</u> |
| 47093 | 1 | 7iFT | | | NITROBENZEN | | ~~~~~~ | 95-3 | 330 | 350 | ug/Kg | U I | V |
| 48195 | 4: | 6 FT | | | NITROBENZEN | | | 95-3 | 660 | | ug/Kg | | Z |
| 48195 48195 | 0, | 2/FT 4/FT | | | NITROBENZEN | | | 95-3 | 760 | | ug/Kg | | <u>Z</u> |
| 48295 | 0 | 2 FT | | | NITROBENZEN NITROBENZEN | | | 95-3 95-3 | 790 740 | | ug/Kg ug/Kg | | Z Z |
| 48295 | 2 | 4)FT | | | NITROBENZEN | | | 95-3 | 770 | | ug/Kg | | Z |
| 48295 | 4' | 6!FT | В | H00106PE | NITROBENZEN | | | 95-3 | 790 | | ug/Kg | | Z |
| 48395 | 2 | 4;FT | | | NITROBENZEN | | | 95-3 | 660 | | ug/Kg | | Z |
| 48395 48395 | 0 | 5;FT 2:FT | | | NITROBENZEN NITROBENZEN | | | 95-3 | 750 | | ug/Kg | | <u>Z</u> |
| 41593 | 4 | 6 FT | | | | - N-PROPYLAMINE | | 95-3 -64-7 | 810 440 | | ug/Kg i ug/Kg i | | <u>Z</u> |
| 42193 | 0 | 5 FT | | | | -PROPYLAMINE | | -64-7 | 360 | | ug/Kg | | V |
| 42293 | 1 | 6 FT | βB | H40253AE | N-NITROSODI- | I-PROPYLAMINE | | -64-7 | 390 | | ug/Kg | | J |
| 42493 | 5 | 7 IN | | | | I-PROPYLAMINE | | -64-7 | 350 | | ug/Kg | | |
| 42493 | 0 | 5FT 5FT | | | | I-PROPYLAMINE I-PROPYLAMINE | | -64-7 -64-7 | 360 | | ug/Kg | | |
| 43393 | 0 | 5 FT | | | | I-PROPYLAMINE | | -64-7 -64-7 | 360 360 | | ug/Kg ug/Kg | | |
| 43493 | 5 | 10 FT | | | | I-PROPYLAMINE | | -64-7 | 370 | | ug/Kg | | |
| 43493 | 0 | 5 FT | | H40319AE | N-NITROSODI- | I-PROPYLAMINE | 621 | -64-7 | 380 | 380 | ug/Kg | U i | Ž |
| 43693 | 0, | 5 FT | | | | I-PROPYLAMINE | | -64-7 | 360 | 360 | ug/Kg | ۱) ن | |
| 46593 46593 | 1 1 | 7IFT BIN | · | | | I-PROPYLAMINE I-PROPYLAMINE | | -64-7 | 330 | | ug/Kg | | |
| 46693 | 0 | 7 FT | | | | I-PROPYLAMINE | | -64-7 -64-7 | 330 330 | | ug/Kg ug/Kg | | |
| 46793 | 0 | 6 FT | | | | I-PROPYLAMINE | | -64-7 | 330 | | ug/Kg | | |
| 46893 | 0 | 7 FT | В | H40804AE | N-NITROSODI-I | I-PROPYLAMINE | | -64-7 | 330 | 370 | ug/Kg | U | |
| 46993 | 11 | 5 FT | | | | I-PROPYLAMINE | | -64-7 | 330 | | ug/Kg | | |
| 46993 47093 | 10 | 16!IN 7/FT | | <u>_</u> | | I-PROPYLAMINE I-PROPYLAMINE | | -64-7 | 330 | | ug/Kg | | _ |
| 48195 | 4 | 6 FT | | | | n-PROPYLAMINE | | -64-7 -64-7 | 330 660 | | ug/Kg ug/Kg | | Z |
| 48195 | 0, | 2 FT | | | | 1-PROPYLAMINE | | -64-7 | 760 | | ug/Kg | | z Z |
| 48195 | . 2 | 4 FT | | | | n-PROPYLAMINE | 621 | -64-7 | 790, | | ug/Kg | | Z |
| 48295 | 0, | 2 FT | | | | n-PROPYLAMINE | | -64-7 | 740 | | ug/Kg | | Z |
| 48295 48295 | 2 | 4 FT 6 FT | | | | n-PROPYLAMINE | | -64-7 | 770, | | ug/Kg | | Z |
| 48395 | 2 | 41FT | | | | 1-PROPYLAMINE | | -64-7 -64-7 | 790. 660 | | ug/Kg I ug/Kg I | | Z Z |
| 48395 | 4 | 5FT | | | | 1-PROPYLAMINE | | -64-7 | 750 | | ug/Kg I | | z Z |
| 48395 | 0 | 2 FT | | | | n-PROPYLAMINE | 621 | -64-7 | 810 | | ug/Kg I | | Ż , |
| 41593 42193 | 0 | 6 FT | | | V-NITROSODIP | | 86-3 | | 440 | | ug/Kg I | | |
| 42193 | 1 | 5 FT 6 FT | | | V-NITROSODIP V-NITROSODIP | | 86-3 86-3 | | 360 390 | | ug/Kg | | ***** |
| 42493 | 5 | 7 IN | | | N-NITROSODIP | | 86-3 | | 350 | | ug/Kg l ug/Kg l | | |
| 42493 | 0 | 5 FT | | | N-NITROSODIP | | 86-3 | | 360 | | ug/Kg | | |
| 42593 | 0 | 5.FT | | | N-NITROSODIP | | 86-3 | | 360 | | ug/Kg | | 7 |
| 43393 43493 | 0 5 | 5 FT 10 FT | | ···· | V-NITROSODIP | | 86-3 | | 360) | | ug/Kg l | | |
| 43493 | 0. | 5 FT | | | V-NITROSODIP V-NITROSODIP | | 86-3 86-3 | | 370, 380 | | ug/Kg l | | |
| 43693 | O | 5)FT | | | N-NITROSODIP | | 86-3 | | 360 | | ug/Kg l ug/Kg l | | |
| 46593 | 1 | 7!FT | | | N-NITROSODIP | | 86-3 | 30-6 | 330 | | ug/Kg (| | |
| 46593 | 7 | 8]IN | | | N-NITROSODIP | | 86-3 | | 330 | 390 | ug/Kg (l | J (. | |
| 46693 46793 | 0 | 7FT 6FT | | | N-NITROSODIP N-NITROSODIP | | 86-3 86-3 | | 330) 330 | | ug/Kg l ug/Kg l | | |
| 46893 | 0 | 7 FT | | | V-NITROSODIP | | 86-3 | | 330 | | ug/Kg (l ug/Kg (l | | |
| 46993 | 1 | 5 FT | В | H40810AE | N-NITROSODIP | | 86-3 | | 330, | | ug/Kg l | | |
| 46993 | 10 | 16;IN | | | N-NITROSODIP | | 86-3 | 0-6 | 330 | 380 | ug/Kg l | \ ا | 7 |
| 47093 , 48195 | 1 | 7/FT | | | N-NITROSODIP | | 86-3 | | 330 | | ug/Kg il | | |
| 48195 48195 | 4 | · 6 FT | | | N-NITROSODIP N-NITROSODIP | | 86-3 86-3 | | 660 760 | | ug/Kg l | | |
| 48195 | 2 | 4 FT | | | N-NITROSODIP | | 86-3 | | 760, 790, | | ug/Kg t ug/Kg t | | |
| 48295 | 0 | 2FT | Bi | H00104PE | N-NITROSODIP | HENYLAMINE | 86-3 | 0-6 | 740, | 67 | ug/Kg | , | |
| 48295 | 2 | 4;FT | | | N-NITROSODIP | | 86-3 | 0-6 | 770, | 770 | ug/Kg it | J : | Z |
| 48295 48395 | 4 | 6 FT | | | N-NITROSODIP | | 86-3 | | 790 | 790 | ug/Kg | | Z |
| 48395 | 2. | 4FT 5FT | | | I-NITROSODIP I-NITROSODIP | | 86-3 86-3 | | 660) 750) | 750 | ug/Kg L ug/Kg L | J [] | |
| 48395 | 0 | 2 FT | | | I-NITROSODIP | | 86-3 | | 810 | | ug/Kg L | | |
| 48195 | 0 | 2 FT | Bł | H00101PE | -TETRADECAN | É | 629 | | | 2000 | ug/Kg J | IN i | |
| 48295 | | 2 FT | | | -TETRADECAN | | 629- | 59-4 | | 3000 | ua/Ka J | IN : | Z |
| 48395 48395 | 0 | 2 FT 5 FT | | | -TETRADECAN | | 629 | | | 3000 | ug/Kg J | | |
| 48295 | 2 | 5 F I | | | -TETRADECAN -UNDECANE | <u> </u> | | 59-4 0-21-4 | | | ug/Kg J | | |
| 48395 | 4 | 5 FT | | | -UNDECANE | | |)-21-4)-21-4 | | | ug/Kg J ug/Kg J | | |
| 48395 | 0 | 2 FT | | H00107PE | -UNDECANE | | |)-21-4 | | | ug/Kg J | | |
| 48295 | 4 | 6FT | | | | MO (2-BROMOOCTANE) | 557- | 35-7 | | 2000 | ug/Kg J | IN i | Ž i |
| 48195 48295 | 0 | 2 FT | | | XIRANE, TETF | | | -20-0 | | | ug/Kg J | IN : | Z |
| 48295 41593 | 4 | 6 FT 6 FT | | | XIRANE, TETF | AMEINTL- | | 3-20-0 | | | ug/Kg J | | |
| 41593 | 4 | 6 FT | | | -BROMODIPHE | NYL ETHER | 157-1 | | 440 | | ug/Kg J ug/Kg L | | |
| | | <u>-1 </u> | | | | | 101- | ~~ ~ | → →∪; | → ••• (| | - 10 | i |

| | | | | Table A.7 Solar Evapo | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Th | | | | | |
|----------------|-------|--------------|---------------------------------------|--|--|----------------------|----------------|---------|----------------------|-------------------------|-------------------------|
| LOCATION | START | DEPTH | CODE | SAMPLE NUMBER | Analyte | CAS NO | DETECTION | RESULT | PTIMI | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| 42193 | 0 | 5 F | | The second reserve to the second reserve to the second sec | P-BROMODIPHENYL ETHER | 101-55-3 | 360 | | ug/Kg | | V |
| 42293 | 1 | 6!F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 390 | 390 | ug/Kg i | U | J |
| 42493 42493 | 5 | 7/II 5 F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 350 | | ug/Kg | | V |
| 42593 | 0, | 5 F | | | P-BROMODIPHENYL ETHER P-BROMODIPHENYL ETHER | 101-55-3 | 360 360 | | ug/Kg ug/Kg | | V V |
| 43393 | 0 | 5 F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 360 | | ug/Kg | | V |
| 43493 | 5 | 10 F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 370 | 370 | ug/Kg | U | Z |
| 43493 | 0 | 5 F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 380 | | ug/Kg | | Z |
| 43693 46593 | 0, | 5)F 7(F | | | P-BROMODIPHENYL ETHER P-BROMODIPHENYL ETHER | 101-55-3 | 360 330 | | ug/Kg ug/Kg ! | | V |
| 46593 | 71 | 118 | | | P-BROMODIPHENYL ETHER | 101-55-3 | 330 | | ug/Kg i | | J |
| 46693 | 0, | 7/F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 330 | | ug/Kg | | iv - |
| 46793 | 0 | 6 F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 330 | | ug/Kg | | V |
| 46893 46993 | 0 1 | 7 F | | | P-BROMODIPHENYL ETHER P-BROMODIPHENYL ETHER | 101-55-3 | 330 330 | | ug/Kg | | V |
| 46993 | 10. | 1611 | | | P-BROMODIPHENYL ETHER | 101-55-3 | 330 | | ug/Kg ug/Kg | | V |
| 47093 | 1 | 7 F | | | P-BROMODIPHENYL ETHER | 101-55-3 | 330 | | ıg/Kg | | v |
| 48195 | 4 | 6 F | | | p-BROMODIPHENYL ETHER | 101-55-3 | 660 | 660 | ıg/Kg | U | Z |
| 48195 | 0 | 2 F | | | p-BROMODIPHENYL ETHER | 101-55-3 | 760 | | Jg/Kg | | Z |
| 48195 48295 | 0 | 4!F | | | p-BROMODIPHENYL ETHER p-BROMODIPHENYL ETHER | 101-55-3 | 790 740 | | ıg/Kg ↓ | | Z Z |
| 48295 | 2 | 4 F | | | p-BROMODIPHENYL ETHER | 101-55-3 | 770 | ~~~ | ug/Kg ug/Kg | | Z |
| 48295 | 4 | 6 F | | · | p-BROMODIPHENYL ETHER | 101-55-3 | 790 | | ıg/Kg | | Z |
| 48395 | 2 | 4 F | | BH00108PE | p-BROMODIPHENYL ETHER | 101-55-3 | 660 | 660 | Jg/Kg | Ü | Z |
| 48395 | 4: | 5 F | | | p-BROMODIPHENYL ETHER | 101-55-3 | 750 | | ıg/Kg | | Z |
| 48395 41593 | 0 4 | 2 F 6!F | | | p-BROMODIPHENYL ETHER | 101-55-3 | 810 | | ıg/Kg ∣ | | <u>Z</u> |
| 42193 | 0 | 5:F | | | PENTACHLOROPHENOL PENTACHLOROPHENOL | 87-86-5 87-86-5 | 2200 1800 | | ıg/Kg ıg/Kg | | v V |
| 42293 | 1 1 | 6 F | | | PENTACHLOROPHENOL | 87-86-5 | 1900 | | ıg/Kg ∣ | | J |
| 42493 | 0 | 5,F | Ť | BH40440AE | PENTACHLOROPHENOL | 87-86-5 | 1800 | | ıg/Kg | | v |
| 42493 | 5 | 7 17 | | | PENTACHLOROPHENOL | 87-86-5 | 1800 | | ıg/Kg | | V |
| 42593 43393 | 0 | 5,F 5,F | | | PENTACHLOROPHENOL | 87-86-5 | 1800 | 1800 | ıg/Kg | U . | <u>V</u> |
| 43493 | 5 | 10 F | | | PENTACHLOROPHENOL PENTACHLOROPHENOL | 87-86-5 87-86-5 | 1800 1800 | | ıg/Kg ıg/Kg | | V Z |
| 43493 | 0 | 5)F | | | PENTACHLOROPHENOL | 87-86-5 | 1900 | | ıg/Kg | | <u>z</u> Z |
| 43693 | 0 | 5 F | | | PENTACHLOROPHENOL | 87-86-5 | 1800 | | ıg/Kg | | $\overline{\nabla}$ |
| 46593 | 1 | 7 F | | | PENTACHLOROPHENOL | 87-86-5 | 1600 | | ıg/Kg | | V |
| 46593 46693 | 7 0 | 8 IN 7 F | | | PENTACHLOROPHENOL PENTACHLOROPHENOL | 87-86-5 87-86-5 | 1600 | | ıg/Kg | | J |
| 46793 | 0 | 6 F | | | | 87-86-5 | 1600; 1600; | | ig/Kg ig/Kg | | <u>v</u> |
| 46893 | o, | 7 F | | | PENTACHLOROPHENOL | 87-86-5 | 1600 | | ig/Kg | | v · |
| 46993 | 1 | 5 F | | | | 87-86-5 | 1600 | 1700. | ıg/Kg | Ü | V |
| 46993 47093 | 10 | 16/11 | | | PENTACHLOROPHENOL | 87-86-5 | 1600 | | ıg/Kg ∣ | | V |
| 47093 48195 | 1 4 | 7/F 6/F | | | | 87-86-5 87-86-5 | 1600 1700 | | g/Kg g/Kg | | <u>V</u> |
| 48195 | 0, | 2 F | | | PENTACHLOROPHENOL | 87-86-5 | 1900 | | ig/Kg ∣ | | Z |
| 48195 | 2 | 4 F | | | | 87-86-5 | 2000 | | ıg/Kg | | Z |
| 48295 | 1 0 | 2 F | | | PENTACHLOROPHENOL | 87-86-5 | 1800 | 1800 | ig/Kg | Ú | Z |
| 48295 48295 | 2 | 4 F | | | | 87-86-5 | 1900 | | ıg/Kg ∣ | | Z |
| 48395 | . 4 | 6 F | | | | 87-86-5 87-86-5 | 2000 1700 | | ıg/Kg ∣l ıg/Kg ∣l | | Z Z |
| 48395 | 4: | 5 F | | | | 87-86-5 | 1900 | | g/Kg | | Z |
| 48395 | 0 | 2!F | | | | 87-86-5 | 2000 | | g/Kg I | | Z |
| 48195 | 0 | 2iF | | | PENTADECANE | 629-62-9 | | | g/Kg . | | Z |
| 48295 48295 | 0 2 | 2:F | | | PENTADECANE PENTADECANE | 629-62-9 629-62-9 | | | ıg/Kg ∫. ıg/Kg ∫. | | Z |
| 48395 | 2 | 4 F | | | | 629-62-9 | | | g/Kg . | | Z Z |
| 48395 | 0 | 2 F | | | | 629-62-9 | | | g/Kg | | Z |
| 48395 44503 | 4 | 5 F | | | PENTADECANE | 629-62-9 | | 2000 L | g/Kg | JN | Z |
| 41593 42193 | 0 | 6 F | | | | 85-01-8 | 440 | 440 | g/Kg I | <u> </u> | V . |
| 42293 | 1 | 6 F | | | | 85-01-8 85-01-8 | 360 390 | | g/Kg l g/Kg l | | V I |
| 42493 | 5, | 7 IN | 1 | | | 85-01-8 | 350 | | g/Kg (| | V |
| 42493 | 0 | 5 F | | BH40440AE | PHENANTHRENE . | 85-01-8 | 360 | 360 L | g/Kg l | i L | V |
| 42593 43303 | 0 | 5 F | | | | 85-01-8 | 360 | 360)u | g/Kg t | J | V |
| 43393 43493 | 5 | 5 F | | | | 85-01-8 | 360 | | g/Kg I | | V |
| 43493 | 0 | 5 F1 | | | | 85-01-8 85-01-8 | 370 380 | | g/Kg l g/Kg l | | Z Z |
| 43693 | 0 | 5 F1 | | · | | 85-01-8 | 360 | | g/Kg (| | v |
| 46593 | 1 | 7,F1 | Γ | BH40786AE | PHENANTHRENE | 85-01-8 | 330 | 360,0 | g/Kg | Į į | v i |
| 46593 46603 | | 8 IN | | | | 85-01-8 | 330 | 390 u | g/Kg | J (. | J |
| 46693 46793 | 0 | 7 F1 6,F1 | | | | 85-01-8 | 330 | 380:0 | g/Kg l | <u> </u> | V |
| 16893 | 0 | 7 F1 | | | | 85-01-8 85-01-8 | 330 330 | 370 | g/Kg l g/Kg l | <u> </u> | V |
| 46993 | 1 | 5 F1 | | | | 85-01-8 | 330 | | g/Kg (| | <u>v</u> |
| 46993 | 10 | 16 IN | | | PHENANTHRENE | 85-01-8 | 330 | 380 u | g/Kg L | ا ر | V |
| 47093 | 1 1 | 7/F1 | | | | 85-01-8 | 330 | 350 u | g/Kg l | إ (| / |
| 48195 48195 | 0 | 2 F1 | | | | 85-01-8 | 760 | | g/Kg | | Z |
| 48195 | 2 | 4 F1 | | | | 85-01-8 85-01-8 | 660 790 | | g/Kg (l g/Kg (l | | Z Z |
| 48295 | 0 | 2 F1 | <u> </u> | | | 85-01-8 | 740 | | g/Kg J | | Z |
| 18295 | 2 | 4 FT | | BH00105PE | PHENANTHRENE | 85-01-8 | 770 | 770 u | g/Kg | Ĵ Î | Z |
| 18295 | 4 | 6 FT | | | | 85-01-8 | 790 | | g/Kg L | | Z |
| 18395 18395 | 0 | 2 FT 4 FT | | | | 85-01-8 | 810 | | g/Kg !J | | Z |
| | . 4 | 4171 | · · · · · · · · · · · · · · · · · · · | DHUU IVOPE | DEIMNITRENE | 85-01-8 | 660 | · 660 u | g/Kg L | J . | Z |

| 41593 5 5 FT BH40211AE STYRENE 100-42-5 5 5 10g/Kg IU V 41693 2 2:FT BH40218AE STYRENE 100-42-5 5 5 10g/Kg IU V 41793 2 3:FT BH4024AE STYRENE 100-42-5 5 5 10g/Kg IU V 41793 5 6:FT BH40245AE STYRENE 100-42-5 6 6 10g/Kg IU V 41993 2 2:FT BH4008AE STYRENE 100-42-5 5 5 10g/Kg IU V 41993 5 5:FT BH4008AE STYRENE 100-42-5 5 5 10g/Kg IU V 41993 5 5:FT BH4008AE STYRENE 100-42-5 5 5 10g/Kg IU V 41993 1 2:FT BH408AE STYRENE 100-42-5 5 5 10g/Kg IU V 42093 1 2:FT BH408AE STYRENE 100-42-5 29 2910g/Kg IU V 42193 1 2:FT BH4048AE STYRENE 100-42-5 29 2910g/Kg IU V 42293 4 4:FT BH4025AE STYRENE 100-42-5 6 6 10g/Kg IU J 42393 1 1:FT BH4026AE STYRENE 100-42-5 6 6 10g/Kg IU J 42393 1 1:FT BH4026AE STYRENE 100-42-5 6 6 10g/Kg IU J 42493 5 5:FT BH4028AE STYRENE 100-42-5 6 6 10g/Kg IU IV 42493 2 3:FT BH4028AE STYRENE 100-42-5 5 5 10g/Kg IU IV | | | | | Table A.7 Solar Evapo | ration Ponds AOC - Ana | | or Subsurface | Solis Less Th | | nics | | | · |
|--|----------------|----|-------|----------|-----------------------|------------------------|--|---------------|---|---------------|--------|-----------|--|---------------------------------|
| Addition | | | | CODE | SAMPLE NUMBER | | Analyla | | CAS NO | | RESULT | LINITS | | |
| 14795 C | 48395 | | 5 | FT | BH00109PE | | | | 85-01-8 | | | | | Name of Street or other Persons |
| 1 | | | | | | | | | | | | | | |
| 12660 C. O. ST. INC. SECONSALE PREFICE INC. INC. SEC. | | | | | | | | | | | | | | |
| 1995 O S | 42493 | 5 | | | | | | | | | | | | |
| ASSOCIATION PRINCIPLE PRINCIPLE PRINCIPLE 106-552 360 3600-360 U Y C 106-552 360 3600-360 U Y C 106-552 360 3600-360 U Y C 106-552 360 3600-360 U Y C 106-552 360 3600-360 U Y C 106-552 360 3600-360 U Y U C 106-552 360 3600-360 U Y U U C 106-552 360 3600-360 U Y U U U U U U U U | | | | | | | | | | | 360 | ug/Kg | U | |
| SEASON S. STOPP BHANSSALE PIPENDO, 10.065-2 370 37 | | | | | | | | | | | | | | |
| 45440 0 S.PT BH402164E PRENCI. 190452 360 3500/pre U Z Z Z Z Z Z Z Z Z | | | | FT | BH40322AE | | | | | | | | | |
| 1 | | | | | | | | | | | 380 | ug/Kg! | Ų i | Z |
| 14693 7, 8 18 \$5341404E PPENOL 100-892 333 \$50,096 U V V V V V V V V V | | | | | | | | | | | | | | |
| | | | | | | | ···· | - | | | | | | |
| 46893 O F F SH-4000AE PHENOL 100-952 330 370 UMP U V V 46903 1 S FF SH-4000AE PHENOL 100-952 330 330 UMP U V V 46903 1 S FF SH-4000AE PHENOL 100-952 330 330 UMP U V V 46903 1 S FF SH-4000AE PHENOL 100-952 330 330 UMP U V V 46903 1 S FF SH-4000AE PHENOL 100-952 330 330 UMP U V V 46903 1 S FF SH-4000AE PHENOL 100-952 350 350 UMP U Z Z Z Z Z Z Z Z Z | | | | | | | | | 108-95-2 | 330 | 380 | ug/Kg ; | U j | V |
| 46953 1 SFF 39-W30104E PPENOL 100-95-2 330 300.0976 U V V V V V V V V V | | | | | | | | | *************************************** | | | | | |
| 46995 10 16 18 \$\$401448 PRENCL 106952 330 \$360_grig U V V V V V V V V V | | | | | | | ······ | | | | | | | |
| 48995 4 6 FT 6 MODIOPE PHENCL 109-952 560 660, group U Z 2 4 FT 6 MODIOPE PHENCL 109-952 760 760, group U Z 2 4 FT 6 MODIOPE PHENCL 109-952 760 760, group U Z 2 4 FT 6 MODIOPE PHENCL 109-952 760 760, group U Z 2 4 FT 6 MODIOPE PHENCL 109-952 760 760, group U Z 2 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 FT 6 MODIOPE PHENCL 109-952 770 770, group U Z 4 48993 | | | 16 | N | SS40144AE | PHENOL | | | | | 380 | ug/Kg | U i | |
| 48195 0 2 FT BHOTOPPE PHENOL 109.992 700, 790.0976 U Z | | | | | | | | | | | | | | |
| 48996 Z | | | | | | | | | | | | | | |
| 46295 0 2 2 FT 80-001 OHE PHENOL 108-952 740 | 48195 | | | | | | | | | | | | | |
| 48396 4 S FT BHOTOSEPE PHENOL 109-952 750 750 750 10 2 2 4 FT BHOTOSEPE PHENOL 109-952 606 109 10 2 2 4 5355 4 5 FT BHOTOSEPE PHENOL 109-952 606 109 10 2 2 4 5355 4 5 FT BHOTOSEPE PHENOL 108-952 750 | | | | | | | | | 108-95-2 | 740, | 740 | ug/Kg | U | Ζ. |
| 48996 2 | | | | | | | | | | | 770 | ug/Kg | υ Ţ | |
| ### | 48395 | 2 | | | | | | | | | 660 | ug/Ka | <u> </u> | ź Z |
| 4 6 FT | | 4 | | -1 | BH00109PE | PHENOL | | | 108-95-2 | 750 | 750 | ug/Kg | U Î | Z |
| 12193 0 SFT ISHANDZAE PYRENE 129000 350 350 1076 U V | | | | | ~~~~~~~ | | ···· | | | | | | | |
| 1 | 42193 | | | | | | | | | | | | | |
| 12498 0 SFT BH04040AE FYRENE 129000 360 | 42293 | 1 | 6 f | -1 1 | BH40253AE | PYRENE | | į | 129-00-0 | 390 | 390 | ug/Kg | U , | J |
| 142593 O. SIFT BH40448AE PYRENE 122000 350 350lug/kg U V V V V V V V V V | | | | | | | | | | | | | | |
| 43933 0 SFT BH40512AE PYRENE 129-00-0 360 360 ug/Kg U V 44948 5 10 FT BH40313AE PYRENE 129-00-0 330 330 ug/Kg U IZ 44963 0 SFT BH40510AE PYRENE 129-00-0 360 360 ug/Kg U IZ 44963 0 SFT BH40510AE PYRENE 129-00-0 360 360 ug/Kg U V 46953 1 71 FT BH40760AE PYRENE 129-00-0 330 330 ug/Kg U V 46953 1 71 FT BH40760AE PYRENE 129-00-0 330 330 ug/Kg U V 46953 1 71 FT BH40760AE PYRENE 129-00-0 330 330 ug/Kg U V 46963 0 71 FT BH40760AE PYRENE 129-00-0 330 330 ug/Kg U V 46963 0 71 FT BH40760AE PYRENE 129-00-0 330 350 ug/Kg U V 46963 0 71 FT BH4080AE PYRENE 129-00-0 330 350 ug/Kg U V 46963 1 SFT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 46963 1 SFT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 47053 1 71 FT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 47053 1 71 FT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 47053 1 71 FT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 47053 1 71 FT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 47053 1 71 FT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 47053 1 71 FT BH40810AE PYRENE 129-00-0 330 350 ug/Kg U V 48185 0 2 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48185 0 2 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48185 0 2 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48265 2 4 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48265 2 4 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48265 2 4 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48265 2 4 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg U Z 48265 2 4 FT BH40104PE PYRENE 129-00-0 750 750 ug/Kg | | | | | | | | | | | | | | |
| 43493 0, SFT BH40319AE PYRENE 129-00-0 380 360 UgrKg U Z 44893 0, SFT BH40760AE PYRENE 129-00-0 380 360 UgrKg U V 46993 1 7 FT BH40760AE PYRENE 129-00-0 330 360 UgrKg U V 46993 1 7 FT BH40760AE PYRENE 129-00-0 330 360 UgrKg U V 46993 7 8 N S\$40140AE PYRENE 129-00-0 330 360 UgrKg U V 46993 0 7 FT BH40760AE PYRENE 129-00-0 330 360 UgrKg U V 46993 0 FT BH40760AE PYRENE 129-00-0 330 370 UgrKg U V 46993 0 FT BH40760AE PYRENE 129-00-0 330 370 UgrKg U V 46993 0 FT BH40760AE PYRENE 129-00-0 330 370 UgrKg U V 46993 0 FT BH40760AE PYRENE 129-00-0 330 370 UgrKg U V 46993 0 FT BH40760AE PYRENE 129-00-0 330 370 UgrKg U V 47093 1 7 FT BH40860AE PYRENE 129-00-0 530 360 UgrKg U V 47093 1 7 FT BH40860AE PYRENE 129-00-0 530 360 UgrKg U V 47093 1 7 FT BH40860AE PYRENE 129-00-0 530 360 UgrKg U V 48196 0 2 FT BH401069E PYRENE 129-00-0 560 7 7 7 7 7 7 7 7 7 | | 0 | 5 F | -T | BH40512AE | | | | | | | | | |
| 48993 0, SFT BH40520AE PYRENE 129-00-0 350 360 10 V V 48993 1 7 FT BH40760AE PYRENE 129-00-0 330 360 10 V V 48993 7 B N S\$40140AE PYRENE 129-00-0 330 360 10 V V 48993 7 B H40760AE PYRENE 129-00-0 330 360 10 V V 48993 0 FT BH40760AE PYRENE 129-00-0 330 360 10 V V 48993 0 FT BH40760AE PYRENE 129-00-0 330 370 10 V V 48993 0 FT BH4060AE PYRENE 129-00-0 330 370 10 V V 48993 1 FT BH4060AE PYRENE 129-00-0 330 370 10 V V 48993 1 FT BH4060AE PYRENE 129-00-0 330 350 10 V V 48993 1 FT BH4060AE PYRENE 129-00-0 330 350 10 V V 48993 1 FT BH4060AE PYRENE 129-00-0 330 350 10 V V 48993 1 FT BH40616AE PYRENE 129-00-0 330 350 10 V V 48993 1 FT BH40616AE PYRENE 129-00-0 330 350 10 V V 48993 1 FT BH40616AE PYRENE 129-00-0 330 350 10 V V V 48993 1 FT BH40616AE PYRENE 129-00-0 330 350 10 V V V 48993 1 FT BH40616AE PYRENE 129-00-0 350 350 10 V V V 48993 1 FT BH40616AE PYRENE 129-00-0 750 750 10 V V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 750 750 10 V V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 750 750 10 V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 750 750 10 V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 750 750 10 V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 750 750 10 V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 750 750 10 V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 660 45 10 V V V 48995 2 4 FT BH40016PE PYRENE 129-00-0 660 45 10 V V V 48995 2 FT BH40016PE PYRENE 129-00-0 660 45 10 V V V 48995 2 FT BH40016PE PYRENE 129-00-0 660 45 | | | | | | | | | | | | | | |
| 48593 1 7 FT BH40766AE PYRENE 129-00-0 330 3501,076 U V 48593 7; 8 IN SSA0140AE PYRENE 129-00-0 330 3501,076 U V 48593 0 6 FT BH4078AE PYRENE 129-00-0 330 3501,076 U V 48593 0 6 FT BH4059AE PYRENE 129-00-0 330 3501,076 U V 48593 0 7 FT BH4090AE PYRENE 129-00-0 330 3501,076 U V 48593 0 7 FT BH4090AE PYRENE 129-00-0 330 3501,076 U V 48593 1 5 FT BH4091AE PYRENE 129-00-0 330 3501,076 U V 48593 1 5 FT BH4091AE PYRENE 129-00-0 330 3501,076 U V 48593 1 7 FT BH4091AE PYRENE 129-00-0 330 3501,076 U V 48593 1 7 FT BH4091AE PYRENE 129-00-0 330 3501,076 U V 48595 1 7 FT BH4091AE PYRENE 129-00-0 660 171,076 J Z 2 48595 2 4 FT BH4001PP PYRENE 129-00-0 660 171,076 J Z 2 48595 2 4 FT BH4001PP PYRENE 129-00-0 760 7601,076 U Z 2 48595 2 4 FT BH4001PP PYRENE 129-00-0 760 7601,076 U Z 2 48595 2 4 FT BH4001PP PYRENE 129-00-0 760 7601,076 U Z 2 48595 2 4 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 2 48595 2 4 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 48595 2 4 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 48595 2 4 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 48595 2 4 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 48595 4 5 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 48595 4 5 FT BH4001PP PYRENE 129-00-0 770 7501,076 U Z 48595 4 5 FT BH4001PP PYRENE 129-00-0 750 7501,076 U Z 48595 4 5 FT BH4001PP PYRENE 129-00-0 750 7501,076 U Z 48595 4 5 FT BH40018AE STYRENE 129-00-0 750 7501,076 U V 48595 4 5 FT BH40018AE STYRENE 129-00-0 750 7501,076 U V 48595 4 5 FT BH4018AE STYRENE 129-00-5 6 60,076 | | | | | | | | | | | | | | |
| 46953 7, 8 N SS-0140AE PYRENE 129-00-0 330 390 ug/fig U V | 46593 | | | | | | | | | | | | | |
| 46763 O 6 FT BH407BAE PYRENE 129-00-0 330 370 UpKn U V 46993 O 7 FT BH4080AE PYRENE 129-00-0 330 350 UpKn U V 46993 O 7 FT BH40810AE PYRENE 129-00-0 330 350 UpKn U V 46993 O 6 FT BH40810AE PYRENE 129-00-0 330 350 UpKn U V 47993 O 6 FT BH40816AE PYRENE 129-00-0 680 O 170 UpKn U V 47993 O 6 FT BH40816AE PYRENE 129-00-0 680 O 170 UpKn U V 47993 O 6 FT BH40816AE PYRENE 129-00-0 680 O 170 UpKn U V 48195 O 2 FT BH40816AE PYRENE 129-00-0 760 760 UpKn U Z 48195 O 2 FT BH408104PE PYRENE 129-00-0 760 750 UpKn U Z 48195 O 2 FT BH408104PE PYRENE 129-00-0 760 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 770 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 770 O 39 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 770 O 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 770 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 750 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 750 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 750 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 750 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 750 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 F50 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 F50 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 F50 750 UpKn U Z 48295 O 2 FT BH408104PE PYRENE 129-00-0 F50 750 UpKn U V 48295 O 2 FT BH408104PE PYRENE 129-00-0 F50 F50 UpKn U V 48295 O 2 FT BH408104PE PYRENE 129-00-0 F50 F50 UpKn U V 48295 O | | | | | | | | | | | 390 | ug/Kg | J I. | |
| 48893 0, 7 FT BH4080AAE | | | | | | | | | | | | | | |
| 1 S FT BH0910AE PYRENE 129-00-0 330 330 10 V V V V V V V V V | | | | | | | | | | | | | | |
| 4993 | | | | | BH40810AE | PYRENE | | | 129-00-0 | 330 | 350 | ug/Kg (I | ١ . | |
| 48195 4 6 FT BH00103PE PYRENE 122-00-0 660 1710g/Fg J Z 48195 0 2 FT BH00102PE PYRENE 122-00-0 760 760l0g/Fg U Z 48195 2 4 FT BH00102PE PYRENE 122-00-0 770 760l0g/Fg U Z 48295 2 4 FT BH00105PE PYRENE 122-00-0 770 770l0g/Fg U Z 48295 0 2 FT BH00105PE PYRENE 122-00-0 770 770l0g/Fg J Z 48295 0 2 FT BH00105PE PYRENE 122-00-0 770 770l0g/Fg J Z 48295 0 2 FT BH00105PE PYRENE 122-00-0 770 780l0g/Fg U Z 48295 4 6 FT BH00105PE PYRENE 122-00-0 750 780l0g/Fg U Z 48395 2 4 FT BH00105PE PYRENE 122-00-0 750 780l0g/Fg U Z 48395 2 4 FT BH00105PE PYRENE 122-00-0 750 750l0g/Fg U Z 48395 3 5 FT BH00105PE PYRENE 122-00-0 750 750l0g/Fg U Z 48395 4 6 FT BH00105PE PYRENE 122-00-0 750 750l0g/Fg U Z 48395 5 0 2 FT BH00105PE PYRENE 122-00-0 750 750l0g/Fg U V 48395 5 6 FT BH00063AE STYRENE 100-42-5 5 5l0g/Fg U V 48396 5 6 FT BH00063AE STYRENE 100-42-5 5 5l0g/Fg U V 48393 1 1 FT BH00067AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH40169AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH40169AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 2 2 FT BH40119AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 3 2 FT BH4015AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 3 2 FT BH4015AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH4015AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH4015AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH4015AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH4003AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 1 2 FT BH4003AE STYRENE 100-42-5 6 6l0g/Fg U V 48093 2 2 FT BH4003AE STYR | | | | | | | | | | | | | | |
| 48195 O | | | | | | | | | | | | | | |
| 48295 2 4 FT | | | | -T | BH00101PE | PYRENE | | | | | | | | |
| 48295 O 2 PT B-H00104PE PYRENE 129-00-0 740 70 log/Ng J Z 48295 4 6 PT B-H00108PE PYRENE 129-00-0 760 750 log/Ng J Z 48395 2 4 FT B-H00108PE PYRENE 129-00-0 660 45 log/Ng J Z 48395 2 4 FT B-H00108PE PYRENE 129-00-0 660 45 log/Ng J Z 48395 4 5 FT B-H00108PE PYRENE 129-00-0 750 750 log/Ng U Z 48395 4 5 FT B-H00107PE PYRENE 129-00-0 810 810 log/Ng U Z 48395 0 2 FT B-H00107PE PYRENE 129-00-0 810 810 log/Ng U Z 5 5 10 Ng U V 50593 1 2 FT B-H00083AE STYRENE 100-42-5 5 5 log/Ng U V 50593 1 1 FT B-H00087AE STYRENE 100-42-5 5 5 log/Ng U V 50593 1 1 FT B-H00087AE STYRENE 100-42-5 5 5 log/Ng U V 50593 1 2 FT B-H00087AE STYRENE 100-42-5 5 5 log/Ng U V 50593 1 2 FT B-H00087AE STYRENE 100-42-5 5 5 log/Ng U V 40093 1 2 FT B-H0188AE STYRENE 100-42-5 6 6 log/Ng U V 40093 1 2 FT B-H0189AE STYRENE 100-42-5 6 6 log/Ng U V 40093 2 2 FT B-H0189AE STYRENE 100-42-5 6 6 log/Ng U V 40093 2 2 FT B-H0189AE STYRENE 100-42-5 6 6 log/Ng U V 40093 3 2 2 FT B-H0159AE STYRENE 100-42-5 6 6 log/Ng U V 40093 3 1 2 FT B-H0159AE STYRENE 100-42-5 6 6 log/Ng U V 40093 4 5 FT B-H0159AE STYRENE 100-42-5 6 6 log/Ng U V 40093 5 6 FT B-H0159AE STYRENE 100-42-5 6 6 log/Ng U V 40093 5 6 FT B-H0030AE STYRENE 100-42-5 6 6 log/Ng U V 40093 5 6 FT B-H0030AE STYRENE 100-42-5 5 5 log/Ng U V 40093 5 6 FT B-H0030AE STYRENE 100-42-5 5 5 log/Ng U V 4193 1 2 FT B-H0030AE STYRENE 100-42-5 5 5 log/Ng U V 4193 5 6 FT B-H0030AE STYRENE 100-42-5 5 5 log/Ng U V 4193 | | | | | | | | | | | | | | |
| 48295 | | | | | | | ······································ | | | | | | | |
| 48395 2 | | 4 | 6 F | -T | BH00106PE | | | | | | 790 | ug/Kg il | <u>, </u> | |
| 48395 0 | | 2 | | | | | ···· | | | | 45 | ug/Kg i. | J T | |
| 1 | | | | | | | ······································ | | | | | | | |
| D5993 5 6 FT BH00063AE STYRENE 100-42-5 5 5 5 5 5 5 5 5 5 | 05093 | 1 | 2 F | T i | BH00062AE | STYRENE | | | | | | | | |
| OS393 | | | | | | | | | | 5. | 5 (| ug/Kg l | J N | |
| A0093 | | | | | | | | | | | 6)1 | ug/Kg il | <u> </u> | <u>/</u> |
| 40993 | 40093 | 1 | . 2 F | 7 | BH40168AE | STYRENE | | | | | | | | |
| 40993 2 2 FT BH40124AE STYRENE 100-42-5 6 6 6 6 6 6 6 6 6 | | | | | | | | | | 6 | 6 1 | ug/Kg L | J İ\ | / |
| 40693 | | 2 | | | | | | | | | | | | |
| 40793 5 6 FT BH40159AE STYRENE 100-42-5 6 6 ug/Kg U V V V V V V V V V | 40693 | 1 | 2 F | Τ ; | BH40151AE | STYRENE | | | | | | | | |
| 40893 | | | 6!F | T ! | BH40159AE | STYRENE | | 1 | 100-42-5 | 6 | 6 t | ug/Kg ∣t | J N | / |
| 40893 | | | | | | | | | | | | | | |
| 40993 5 6 FT | 40893 | 1 | 1 F | 1 | BH40031AE | | | | | | | | | |
| 41193 | | 5 | 6 F | 7 | BH40203AE | STYRENE | | 1 | 00-42-5 | 5 | 5 (| ug/Kg l |] [| , |
| 41293 | | | | | | | | | | | | | | |
| 41593 5 5 FT BH40211AE STYRENE 100-42-5 5 5 ug/Kg U V V V V V V V V V | 41293 | | | | | | | | | | | | | |
| 41693 2 2;FT BH40218AE STYRENE 100-42-5 5 5 10g/Kg U V V V V V V V V V | 41593 | 5' | 5 F | T | BH40211AE | STYRENE | | | 00-42-5 | 5 | 5 t | Jg/Kg ∫L |) | / |
| 41793 5 6 FT BH40245AE STYRENE 100-42-5 6 6 ug/kg U V V V V V V V V V | | | | | | | | | | | 5 เ | Jg/Kg ∣l | J N | |
| 41993 2 2 FT BH40063AE STYRENE 100-42-5 5 5 5 5 6 6 6 6 6 | 41793 | | | | | | | | | | | | | |
| 41993 5 5 FT BH40084AE STYRENE 100-42-5 5 5 5 5 5 5 5 5 5 | 41993 | 2 | 2 F | 7 [| BH40063AE | STYRENE | | | | | | | | |
| 42193 1 2 FT BH40436AE STYRENE 100-42-5 12 12 ug/kg U V 42293 4 4 FT BH40254AE STYRENE 100-42-5 6 6 6 ug/kg U J 42393 1 1 FT BH40262AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 5 5 FT BH40284AE STYRENE 100-42-5 5 5 5 FT BH40284AE STYRENE 100-42-5 5 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 ug/kg U V 42493 2 3 FT BH40283AE STYRENE 100 | | | | | | | | | | 5 | 5 ı | ug/Kg il | J IV | / |
| 42293 4 4FT BH40254AE STYRENE 100-42-5 6 6 lug/Kg lU IJ 42393 1 1FT BH40262AE STYRENE 100-42-5 6 6 lug/Kg lU IV 42493 5 5FT BH4028AE STYRENE 100-42-5 5 5 lug/Kg lU IV 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 lug/Kg lU IV | 42093 42193 | | | | | | | | | | | | | |
| 42393 1 1 FT BH40262AE STYRENE 100-42-5 6 6 ug/Kg U V 42493 5 5 FT BH40284AE STYRENE 100-42-5 5 5 ug/Kg U V 42493 2 3 FT BH40283AE STYRENE 100-42-5 6 6 ug/Kg U V | 42293 | 4 | 4 F | T (| BH40254AE | STYRENE | | | | | 6 1 | Jg/Kg it | | |
| 42493 2 3 FT IBH40283AE STYRENE 100-42-5 6 6 6 ug/Kg U V | 42393 | | | | BH40262AE : | STYRENE | | 1 | 00-42-5 | 6 | 6 L | ıg/Kg ∣L | J IV | / |
| Joseph James Joseph Jos | | | | | | | | | | | | | | |
| | 42593 | 5 | | | | | | | | <u>6</u> 5 | | | | |

| | | Table A.7 Solar Evap | oration Ponds AOC - Analytical Results for Subsurfac | | | | | T |
|--------------------|----------------------------|--------------------------------|--|----------------------|-------------------------|------------------------------|--------------|--------------|
| | EPTH DEPTH UNIT | SAMPLE NUMBER | Analyte | CAS NO | DETECTION LIMIT RESL | | | VALIDATION |
| 42993 | 1 2 FT | BH40143AE | STYRENE | 100-42-5 | 5 | 5 ug/Kg | | V |
| 42993 | 5 6 FT | BH40145AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | U | V |
| 43193 | 2 2 FT | 1BH40307AE | STYRENE | 100-42-5 | 11 | 11/ug/Kg | | IV |
| 43393 43393 | 2 2 FT 5 6 FT | BH40325AE BH40326AE | STYRENE | 100-42-5 | 5 | 5 ug/Kg 6 ug/Kg | | IV IV |
| 43493 | 2 2 FT | BH40320AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | İv |
| 43493 | 5 6 FT | BH40321AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | ÍV |
| 43693 43793 | 3 3FT | BH40341AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | IV IV |
| 43793 | 1 1FT 5 6FT | BH40333AE BH40334AE | STYRENE STYRENE | 100-42-5 | 5 | 5 ug/Kg 6 ug/Kg | | iV IV |
| 43893 | 1 1FT | BH40071AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | iv |
| 43993 | 5 5 FT | BH40355AE | STYRENE | 100-42-5 | 5. | 5 ug/Kg | | V |
| 43693 44093 | 1 1 FT 1 2 FT | BH40354AE BH40349AE | STYRENE STYRENE | 100-42-5 | 6 | 6 ug/Kg | | V |
| 44393 | 5 6FT | 1BH40035AE | STYRENE | 100-42-5 | 12 12 | 12 ug/Kg 12 ug/Kg | | IV IV |
| 44393 | 1 1FT | BH40034AE | STYRENE | 100-42-5 | 28 | 28 ug/Kg | | v |
| 44893 | 2 2 F T | BH40190AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | J | IV |
| 45693 | 5 6 FT | BH40376AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | V |
| 45693 45793 | 1 1)FT 5 6)FT | BH40375AE BH40560AE | STYRENE STYRENE | 100-42-5 | 7 6 | 7 ug/Kg 6 ug/Kg | | IV IV |
| 45893 | 2 2FT | BH40378AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | v |
| 45893. | 5 5 FT | BH40379AE | STYRENE | 100-42-5 | 6 | 6 ug/Kg ii | | V |
| 46193 | 0 1/FT | BH40386AE | STYRENE | 100-42-5 | 30 | 30 ug/Kg | J | V |
| 46293 46593 | 2 3 FT 2 2 FT | BH40566AE ` BH40701AE | STYRENE STYRENE | 100-42-5 | 6 | 6lug/Kg | <u> </u> | IV |
| 46693 | 2 2 F I 1 1 FT | BH40716AE | STYRENE | 100-42-5 | 5 | 5 ug/Kg 6 ug/Kg | | V V |
| 46793 | 1 2 FT | BH40730AE | STYRENE | 100-42-5 | 5 | 6 ug/Kg | | V |
| 46893 | 1 2 FT | BH40744AE | STYRENE | 100-42-5 | 5 | 5 ug/Kg | ر | V |
| 46993 48195 | 3 3 FT 0 2 FT | BH40758AE | STYRENE | 100-42-5 | 5 | 5 ug/Kg | | V |
| 48195 48195 | 0 2:FT 2 4:FT | BH00101PE (BH00102PE | STYRENE | 100-42-5 | 5 5 | 5 ug/Kg 1 5 ug/Kg 1 | | Z |
| 48195 | 4 6FT | BH00103PE | STYRENE | 100-42-5 | | 5 ug/Kg | | Z |
| 48295 | 0 2FT | BH00104PE | STYRENE | 100-42-5 | 5 5 | 5 ug/Kg | ل | Z |
| 48295 | 2 4 FT | BH00105PE | STYRENE | 100-42-5 | 5 | 5 ug/Kg l | | Z |
| 48295 48395 | 4 6 FT 0 2 FT | BH00106PE BH00107PE | STYRENE STYRENE | 100-42-5 | 5 5 | 5 ug/Kg l | | Z |
| 48395 | 4 5FT | BH00109PE | STYRENE | 100-42-5 | 5 | 5 ug/Kg 1 | | Z |
| P208989 | 5 7FT | SEP1789BR0406 | STYRENE | 100-42-5 | 6 | 6 ug/Kg 1 | | v |
| P209189 | 0, 1 FT | SEP1989BR0002 | STYRENE | 100-42-5 | 6 | 6 ug/Kg il | | V |
| P209189 P209489 | 4 6 FT 4 5 FT | SEP1989BR0406 SEP2289BR0406 | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | IV. |
| P209489 | 0 1!FT | SEP2289BR0002 | STYRENE | 100-42-5 100-42-5 | 5 6 | 5 ug/Kg 1 6 ug/Kg 1 | | V V |
| P209889 | 0 2FT | SEP2689BR0002 | STYRENE | 100-42-5 | 6 | 6 ug/Kg | | v |
| P209889 | 4 6 FT | SEP2689BR0406 | STYRENE | 100-42-5 | 6 | 6 ug/Kg | J | V |
| P210189 P210189 | 0 2 FT | SEP3089BR0002 | STYRENE | 100-42-5 | 650 6 | 350 ug/Kg t | J | A |
| P210189 | 5 7 FT 0 2 FT | SEP3089BR0406 SEP3189BR0002 | STYRENE STYRENE | 100-42-5 | 720 T | 720 ug/Kg l 6 ug/Kg l | | V V |
| P210289 | 4 5FT | SEP3189BR0406 | STYRENE | 100-42-5 | 6 | 6 ug/Kg I | | V |
| SP0387 | 2 4 FT | SP038702DH | STYRENE | 100-42-5 | | 25 ug/Kg l | | |
| 05093 | 1 2 FT | 8H00062AE | TCE | 79-01-6 | 5 | 5 ug/Kg il | | V |
| 05093 05193 | 5; 6 FT 1 1 FT | BH00063AE BH00067AE | TCE | 79-01-6 79-01-6 | 5 | 5 ug/Kg l | <u> </u> | V |
| 05393 | 2 2 FT | BH00077AE | TCE | 79-01-6 | 6 5 | 6 ug/Kg l 5 ug/Kg l | ,] | V |
| 40093 | 1 2 FT | BH40168AE | TCE | 79-01-6 | 6 | 6 ug/Kg | | v |
| 40093 | 4 5 FT | BH40169AE | TCE | 79-01-6 | 6 | 6 ug/Kg l |) | V |
| 40293 40393 | 2 2FT | BH40119AE | TCE | 79-01-6 | 6 | 6 ug/Kg l | | V |
| 40693 | 2 2 FT 1 2 FT | BH40124AE BH40151AE | TCE | 79-01-6 79-01-6 | 6 6 | 6 ug/Kg l | | V · |
| 40793 | 5 6 FT | BH40159AE | TCE | 79-01-6 | 6 | 6 ug/Kg L | | V |
| 40793 | 1 2 FT | BH40158AE | TCE | 79-01-6 | 32 | 32 ug/Kg l | J | V |
| 40893 40893 | 4 5 FT | BH40032AE | TCE | 79-01-6 | 5 | 5 ug/Kg l | | V |
| 40993 | 1 1 FT 5 6 FT | BH40031AE BH40203AE | TCE | 79-01-6 79-01-6 | 5 5 | 29 ug/Kg L 5 ug/Kg L | | V V |
| 40903 - | 1 2 FT | BH40202AE | TCE | 79-01-6 | 6 | 6 ug/Kg l | , | V |
| 41193 | 1 2 FT | BH40050AE | TCE | 79-01-6 | 6 | 6 ug/Kg | J | V |
| 41293 | 1 2FT | BH40197AE | TCE | 79-01-6 | 28 | 28 ug/Kg L | J | V |
| 41593 41693 | 5 5 FT 2 2 FT | BH40211AE BH40218AE | ITCE | 79-01-6 79-01-6 | 5 | 5 ug/Kg | | V |
| 41793 | 2 2 FT 2 3 FT | | TCE | 79-01-6 | 5 5 | 5 ug/Kg l | | V |
| 41793 | 5 6 FT | BH40245AE | TCE | 79-01-6 | 6, | 6 ug/Kg t | | V |
| 41993 | 2 2 FT | BH40063AE | TCE | 79-01-6 | 5 | 5 ug/Kg t | J | V |
| 41993 42093 | 5 5FT | BH40064AE | TCE | 79-01-6 | 5 | 5 ug/Kg L | | V |
| 42193 42193 | 1 2 FT 1 2 FT | BH40484AE BH40436AE | TCE | 79-01-6 79-01-6 | 29 12 | 29 ug/Kg L 12 ug/Kg L | | v V |
| 42293 | 4 4 FT | BH40254AE | TCE | 79-01-6 | 6 | 6 ug/Kg L | | J |
| 42393 | 1 1FT | BH40262AE | TCE | 79-01-6 | 6 | 6 ug/Kg L | J | V |
| 42493 | 5 5FT | BH40284AE | TCE | 79-01-6 | 5' | 5 ug/Kg l | J ! | V |
| 42493 42593 | 2 3 FT 5 6 FT | BH40283AE BH40292AE | TCE | 79-01-6 | 6 | 6 ug/Kg L | J | V |
| 42993 | 5) 6 FT 1 2 FT | BH40143AE | TCE | 79-01-6 79-01-6 | 5 5 | 5 ug/Kg L 5 ug/Kg L | , | V. |
| 42993 | 5 6 FT | BH40145AE | TCE | 79-01-6 | 6 | 6 ug/Kg L | | <u>v</u> |
| | | BH40307AE | TCE | | | | | v |
| 43193 | 2 2 FT | | | 79-01-6 | 11 | 11 ug/Kg L | | V |
| | 2 2 FT 2 2 FT 5 6 FT | BH40325AE | TCE | 79-01-6 79-01-6 | 5 | 5 ug/Kg L 6 ug/Kg L | J | Š |

| LOCATION | (Incorp) | NEOTUL I INI | | ration Ponds AOC - Analytical Results for Subsurface | | | | CADIOPOWY | DALIGATION |
|--------------------|----------|--------------|-------------------------|---|----------------------------------|----------------|--|------------|--------------|
| LOCATION | | DEPTH UNI | | Analyte | CAS NO | DETECTION | RESULT UNITS | LAB RESULT | QUALIFIER |
| 43493 | 5 | 6;FT | | TCE | 79-01-6 | 6; | 6 ug/Kg | U | V |
| 43693 | 3 | 3 FT | BH40341AE | TCE | 79-01-6 | 6 | 6jug/Kg | | V |
| 43793 43793 | 1 5 | 1 FT 6 FT | BH40333AE BH40334AE | ITCE | 79-01-6 79-01-6 | 5. 6 | 5 ug/Kg i 6 ug/Kg i | | IV IV |
| 43893 | 1 | 1!FT | BH40071AE | ITCE | 79-01-6 | 6 | 6 ug/Kg | | V |
| 43993 | 5 | 5 FT | BH40355AE | TCE | 79-01-6 | 5 | 5.ug/Kg | | V |
| 43993 | 1 | 1(FT | BH40354AE | ITCE | 79-01-6 | 6 | 6 ug/Kg | | IV . |
| 44093 44393 | 1 5 | 2;FT 6:FT | BH40349AE BH40035AE | ITCE ITCE | 79-01-6 79-01-6 | 12. 12 | 12 ug/Kg 12 ug/Kg | | V V |
| 44393 | 1 1 | 1 FT | | ITCE | 79-01-6 | 28 | 28:ug/Kg | | v |
| 44893 | 2 | 2:FT | | TCE | 79-01-6 | 6, | 6 ug/Kg | Ú . | V |
| 45693 45693 | 5 | 6 FT 1 FT | BH40376AE BH40375AE | TCE | 79-01-6 | 6 | 6 ug/Kg | | V |
| 45793 | 5 | 6 FT | | ITCE | 79-01-6 79-01-6 | 7 6 | 7 ug/Kg 6 ug/Kg | | V V |
| 45893 | 2 | 2FT | | ITCE | 79-01-6 | 6, | 6 ug/Kg | | v |
| 45893 | 5' | 5 FT | BH40379AE | TCE | 79-01-6 | 6 | 6 ug/Kg | | V |
| 46193 46293 | 0 2 | 1/FT 3!FT | | TCE | 79-01-6 79-01-6 | 30, 6 | 30;ug/Kg 6;ug/Kg | | V |
| 46593 | 2 | 2 FT | | TCE | 79-01-6 | 5, | 5 ug/Kg | | V |
| 46693 | 1 | 1(FT | | TCE | 79-01-6 | 5 | 6 ug/Kg | | V |
| 46793 | 1 1 | 2 FT | | TCE | 79-01-6 | 5 | 6 ug/Kg | ····· | V |
| 46893 46993 | 1 3 | 2 FT 3 FT | - | TCE | 79-01-6 79-01-6 | 5; 5 | 5)ug/Kg | | V V |
| P208989 | 5 | 7/FT | | TCE | 79-01-6 | 6 | 5 ug/Kg 6 ug/Kg | | V |
| P209189 | 0 | 1 FT | SEP1989BR0002 | TCE | 79-01-6 | 6 | 6 ug/Kg | U | V |
| P209189 P209489 | 4 | 6 FT | | TCE | 79-01-6 | 6 | 6 ug/Kg | | V |
| P209489 P209489 | 1 4! | 5 FT 1 FT | | TCE TCE | 79-01-6 | 5, 6, | 5 ug/Kg 6 ug/Kg | | V V |
| P209889 | 0 | 2 FT | | TCE | 79-01-6 | 6. | 6jug/Kg | | v V |
| P209889 | 4 | 6 FT | | TCE | 79-01-6 | 6 | 6 ug/Kg | Ū | V |
| P210189 P210189 | 5 | 2 FT 7 FT | | TCE TCE | 79-01-6 | 650 | 650 ug/Kg | | Α |
| P210109 | 0 | 2.FT | | TCE · | 79-01-6 | 720 6 | 720 ug/Kg 6 ug/Kg | | V V |
| P210289 | 4 | 5 FT | | TCE | 79-01-6 | 6 | 6 ug/Kg | | v |
| SP0387 | 2 | 4)FT | | TCE | 79-01-6 | | 9,ug/Kg | JB (| |
| 05093 05093 | 5 | 2 FT 6 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 5 5 | 5¦ug/Kg I 5 ug/Kg I | | v v |
| 05193 | 1 1 | 1FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg | | V |
| 05393 | 2 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 5 | 5 ug/Kg | | v |
| 40093 40093 | 1 1 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg | | V |
| 40293 | 4 2 | 5 FT 2 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l | | <u>v</u> |
| 40393 | 2 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 2 ug/Kg | | A |
| 40693 | .1 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg | J | V |
| 40793 40793 | 5 | 6 FT 2 FT | | TETRACHI OPOETHENE | 127-18-4 | 6 | 6 ug/Kg (| | V |
| 40893 | 4 | 5 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 32 5 | 32 ug/Kg l 5 ug/Kg l | | <u>v</u> |
| 40893 | 1 | 1 FT | | TETRACHLOROETHENE | 127-18-4 | 5 | 29 ug/Kg l | | v v |
| 40993 | 5 | 6 FT | | TETRACHLOROETHENE | 127-18-4 | 5 | 5 ug/Kg l | | V |
| 40993. 41193 | 1 | 2 FT 2 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l | | v v |
| 41293 | 1 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 28 | 6 ug/Kg t 28 ug/Kg t | | V |
| 41593 | 5, | 5 FT | | TETRACHLOROETHENE | 127-18-4 | 5, | 5 ug/Kg | J | V |
| 41693 41793 | 2 | 2 FT | | TETRACHI OROETHENE | 127-18-4 | 5 | 5 ug/Kg | | V |
| 41793 | 5 | 3¦FT 6 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 5) 6 | 5¦ug/Kg l 6 ug/Kg l | | v V |
| 41993 | 2 | 2 FT | BH40063AE | TETRACHLOROETHENE | 127-18-4 | 5, | 5 ug/Kg l | | V . |
| 41993 | 5 | 5 FT | BH40064AE | TETRACHLOROETHENE | 127-18-4 | 5 | 5'ug/Kg l | J | V |
| 42093 42193 | 1 1 | 2 FT 2 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 29) 12 | 29 ug/Kg l | | <u>V</u> |
| 42293. | 4 | 4FT | | TETRACHLOROETHENE | 127-18-4 | 12: 6: | 12 ug/Kg l 6 ug/Kg l | | y J |
| 42393 | 1 | 1 FT | BH40262AE | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l | J j | V |
| 42493 | 5 | 5 FT | | TETRACHLOROETHENE | 127-18-4 | 5 | 5 ug/Kg (| | V |
| 42493 42593 | 5 | 3 FT 6 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 6 5 | 6 ug/Kg l 5 ug/Kg l | | v v |
| 42993 | 1 1 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 5 | 5 ug/Kg l | | v V |
| 42993 | 5 | 6FT | BH40145AE | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l | Ϊ [| V |
| 43193 43393 | 2 2 | 2 FT 2 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 11 | 11 ug/Kg l | J į | V |
| 43393 | 5 | 6 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 5 6 | 5 ug/Kg t 6 ug/Kg t | | v v |
| 43493 | 2 | 2 FT | BH40320AE | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l | J | V |
| 43493 | 5 | 6 FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l |] | V |
| 43693 43793 | 3 | 3 FT 1 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 6 5 | 6 ug/Kg (l 5 ug/Kg (l | <u> </u> | v v |
| 43793 | 5 | 6 FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg L | | <u>v</u> |
| 43893 | 1 1 | 1(FT | BH40071AE | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg l | J (| V |
| 43993 43993 | 5 | 5 FT | | TETRACHLOROETHENE | 127-18-4 | 5 | 5 ug/Kg l | | V |
| 14093 | 1 | 1 FT 2 FT | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 6 12 | 6jug/Kg L 12jug/Kg L | <u>i</u> | V |
| 14393 | 5 | 6 FT | | TETRACHLOROETHENE | 127-18-4 | 12 | 12.ug/Kg L | | V |
| | 1! | 1 FT | | TETRACHLOROETHENE | 127-18-4 | 28 | 28 ug/Kg L | , | V |
| 14393 | | | 151116:22:2 | TETRA ALL ARABE | | | | | |
| 14393 14893 | 2 | 2 FT | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg L | | |
| 4393 | | | BH40376AE | TETRACHLOROETHENE TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 127-18-4 127-18-4 | 6, 6, 7, | 6 ug/Kg L 6 ug/Kg L 7iug/Kg L | J [' | V |



| LOCATION | DEPTH DEPT | | SAMPLE NUMBER | ation Ponds AOC | - Analytical Results for Sul | | DETECTION LIMIT | | INITS | LAB RESULT | VALIDATION QUALIFIER |
|--------------------|------------|--------------|--|----------------------------|------------------------------|-----------------------|--------------------|----------|--------------------|--------------|-------------------------|
| 45893 | 2 | 2 FT | | TETRACHLORO | | 127-18-4 | 6 | | ug/Kg | | V |
| 45893 | 5 | 5 FT | | TETRACHLORO | | 127-18-4 | 6 | | ug/Kg | | V |
| 46193 46293 | 0. | 1 FT 3 FT | | TETRACHLORO TETRACHLORO | | 127-18-4 127-18-4 | 30 6 | | ug/Kg ug/Kg | | V V |
| 46593 | 1 2 | 2 FT | | TETRACHLORO | | 127-18-4 | 5 | | ug/Kg | | V |
| 46693 | 1 | 1!FT | | TETRACHLORO | | 127-18-4 | 5 | 6 | ug/Kg | U | V |
| 46793 46893 | 1 1 | 2 FT 2 FT | | TETRACHLORO TETRACHLORO | | 127-18-4 | 5 5 | | ug/Kg ug/Kg | | V V |
| 46993 | | 3 FT | | TETRACHLORO | | 127-18-4 | 5 | | ug/Kg | | V |
| 48195 | 0) | 2FT | | TETRACHLORO | | 127-18-4 | 5 | 5 | ug/Kg | U : | Z |
| 48195 48195 | 2 4 | 4iFT 6IFT | | TETRACHLORO TETRACHLORO | | 127-18-4 127-18-4 | 5 5 | | ug/Kg | | Z Z |
| 48295 | 0 | 2 FT | | TETRACHLORO | | 127-18-4 | 5 | | ug/Kg ug/Kg | | Z |
| 48295 | 2 | 4 FT | BH00105PE | TETRACHLORO | ETHENE | 127-18-4 | 5 | 5 | ug/Kg | U | Z |
| 48295 | . 4 | 6 FT 2 FT | | TETRACHLORO | | 127-18-4 | 5 | | ug/Kg | | <u>Z</u> |
| 48395 48395 | 4 | 5:FT | | TETRACHLORO TETRACHLORO | | 127-18-4 | 5 5 | | ug/Kg ug/Kg | | Z Z |
| P208989 | 5 | 7/FT | SEP1789BR0406 | TETRACHLORO | ETHENE | 127-18-4 | 6 | 6 | ug/Kg | U | v |
| P209189 | 1 0 | 1/FT | | TETRACHLORO | | 127-18-4 | 6 | | ug/Kg | | V |
| P209189 P209489 | 4 | 6 FT 5 FT | | TETRACHLORO TETRACHLORO | | 127-18-4 | 6 5 | | ug/Kg ug/Kg | | v v |
| P209489 | , o | 1FT | | TETRACHLORO | | 127-18-4 | 6 | | ug/Kg | | v v |
| P209889 | 0, | 2FT | SEP2689BR0002 | TETRACHLORO | ETHENE | 127-18-4 | 6 | 6 | ug/Kg | U | V |
| P209889 P210189 | 4 0 | 6]FT 2 FT | | TETRACHLORO TETRACHLORO | | 127-18-4 | 660 | | ug/Kg | | V |
| P210189 P210189 | 5 | 7 FT | | TETRACHLORO | | 127-18-4 | 650 720 | | ug/Kg ug/Kg | | <u>A</u> V |
| P210289 | | 2 FT | ************************************** | TETRACHLORO | | 127-18-4 | 6 | | ug/Kg | | · |
| P210289 | 4 | 5FT | | TETRACHLORO | | 127-18-4 | 6 | 6 | ug/Kg | U | V |
| SP0387 05093 | 5 | 4 FT 6 FT | | TETRACHLORO | ETHENE | 127-18-4 | | | ug/Kg | | |
| 05093 | | 2 FT | | TOLUENE TOLUENE | | 108-88-3 108-88-3 | 5 5 | | ug/Kg ug/Kg | | v v |
| 05193 | 1 1 | 1FT | BH00067AE | TOLUENE | | 108-88-3 | 6 | 120 | ug/Kg | | <u>v</u> |
| 05393 | | 2 FT | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | A |
| 40093 40093 | <u> </u> | 2 FT 5 FT | | TOLUENE TOLUENE | | 108-88-3 | 6 | | ug/Kg ug/Kg | | <u>v</u> |
| 40293 | | 2FT | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | <u> </u> |
| 40393 | | 2 FT | | TOLUENE | | 108-88-3 | 6 | 110 | ug/Kg | | V |
| 40693 40793 | | 2 FT 6 FT | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | <u>V</u> |
| 40793 | | | | TOLUENE TOLUENE | | 108-88-3 | 32 | | ug/Kg ug/Kg | | v V |
| 40893 | | 5 FT | | TOLUENE | | 108-88-3 | 5 | 72 | ug/Kg | | |
| 40893 | | 1FT | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | V |
| 40993 40993 | | 6 FT 2 FT | | TOLUENE TOLUENE | | 108-88-3 | 5 6 | | ug/Kg ug/Kg (| | V V |
| 41193 | | 2 FT | | TOLUENE | | 108-88-3 | · 6 | | ug/Kg | | v V |
| 41293 | | | BH40197AE | TOLUENE | | 108-88-3 | 28 | 180 | ug/Kg | 1 | V |
| 41593 41693 | | | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | <u>v</u> |
| 41793. | | | | TOLUENE TOLUENE | | 108-88-3 | 5 6 | | ug/Kg ug/Kg | | v V |
| 41793 | 2 | 3 FT | BH40244AE | TOLUENE | | 108-88-3 | 5 | 140 | ug/Kg | | v |
| 41993 41993 | | | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | <u>v</u> |
| 42093 | | | | TOLUENE TOLUENE | | 108-88-3 | 5 29 | | ug/Kg ug/Kg | | <u>v</u> |
| 42193 | | | | TOLUENE | | 108-88-3 | 12 | | ug/Kg | | v |
| 42293 | | | | TOLUENE | | 108-88-3 | 6 | 18 | ug/Kg | | |
| 42393 42493 | | 1 FT 5 FT | | TOLUENE TOLUENE | | 108-88-3 108-88-3 | 6 5 | | ug/Kg | | v v |
| 42493 42493 | | | | TOLUENE | | 108-88-3 | 5 6 | | ug/Kg ug/Kg | | <u>v</u> |
| 42593 | 5 | 6FT | BH40292AE | TOLUENE | | 108-88-3 | 5 | 56 | ug/Kg | i | V |
| 42993 42993 | | | | FOLUENE FOLUENE | | 108-88-3 | 5 | | ug/Kg | | A |
| 43193 | | | | TOLUENE | | 108-88-3 | 11 | | ug/Kg i ug/Kg i | | v V |
| 43393 | 2 | 2 FT | BH40325AE | TOLUENE | | 108-88-3 | 5 | 38 | ug/Kg | | v |
| 43393 | | | | TOLUENE | | 108-88-3 | 6 | 86 | ug/Kg | | V |
| 43493 43493 | | | | FOLUENE FOLUENE | | 108-88-3 | 6) 6) | | ug/Kg ug/Kg | | v V |
| 43693 | | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | <u>v</u> V |
| 43793 | 1! | 1/FT | BH40333AE | TOLUENE | | 108-88-3 | 5 | 84 | ug/Kg | 1 | V |
| 43793 | | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| 43893 . 43993 | | 1 FT 5 FT | | FOLUENE FOLUENE | | 108-88-3 | 6 5 | | ug/Kg i ug/Kg | | v v |
| 43993 | 1 | 1 FT | BH40354AE | FOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| 44093 | | | | OLUENE FOLUENE | | 108-88-3 | 12 | 150 | ug/Kg | | V |
| 44393 . 44393 | | | | TOLUENE TOLUENE | | 108-88-3 | 12 28 | | ug/Kg ug/Kg | | V V |
| 44893 | | | | FOLUENE | | 108-88-3 | 6 | | ug/Kg | - | |
| 45693 | 5 | 6FT | BH40376AE | TOLUENE | | 108-88-3 | 6 | 110 | ug/Kg | j | V |
| 45693 45793 | | | | OLUENE FOLUENE | | 108-88-3 | 7 | | ug/Kg | | |
| 45793 45893 | | | | OLUENE | | 108-88-3 108-88-3 | 6 6 | | ug/Kg ug/Kg | | <u>v</u> |
| 45893 | 2 | 2FT | BH40378AE | OLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| 46193 46203 | | | | OLUENE | | 108-88-3 | 30 | 360 | ug/Kg | | v . |
| 46293 | | | | FOLUENE FOLUENE | | 108-88-3 | 6 5 | 160 | ug/Kg ug/Kg | | V |
| 46593 | | | | | | | - S | J | ugrag ! | - 1⁺ | • |

| LOCATION | DEPTH | DEPTH UN | | ration Ponds AOC - Analytical Results for Subsurface | Soils Less Ti | DETECTION | | LAB RESULT | VALIDATION |
|--------------------|---------|---------------|--------------------------------|--|--------------------------|------------|-------------|----------------|--------------|
| CODE | START | | DE SAMPLE NUMBER | Analyte | CAS NO | LIMIT | RESULT UNIT | S QUALIFIER | |
| 46793 | 1 | | BH40730AE | TOLUENE | 108-88-3 | 5 | | | V |
| 46893 46993 | 1 1 | | BH40744AE BH40758AE | TOLUENE | 108-88-3 | j 5 | | | IV IV |
| 48195 | 3 | | BH00101PE | ITOLUENE | 108-88-3 | 5 | | | ; Z |
| 48195 | 2 | | | | 108-88-3 | 5 | | | iz |
| 48195 | 4 | 6)FT | | | 108-88-3 | 5 | 5 ug/Ko | ı JU | Z |
| 48295 | 0 | | BH00104PE | | 108-88-3 | 5 | | | Z |
| 48295 48295 | 2 | | BH00105PE BH00106PE | | 108-88-3 1108-88-3 | 5 | | | i Z I Z |
| 48395 | 0 | | | | 108-88-3 | 5 | | | Z |
| 48395 | 4 | | BH00109PE | TOLUENE | 108-88-3 | 5 | | | İz |
| P208989 | 5, | | | | 108-88-3 | 6 | | | IV |
| P209189 | 0 | | | | 108-88-3 | 6 | | | įV |
| P209189 P209489 | 4 | | SEP1989BR0406 SEP2289BR0406 | | 108-88-3 | 5 | | | IV IV |
| P209489 | 0. | 1:FT | SEP2289BR0002 | | 108-88-3 | 6 | | | V |
| P209889 | 0 | | | | 108-88-3 | 6 | 6 ug/Kg | U | IV |
| P209889 | 4 | | | TOLUENE | 108-88-3 | 6 | | | V |
| P210189 P210189 | 5 | 2!FT 7:FT | | ITOLUENE TOLUENE | 108-88-3 | 650 720 | | | IA IV |
| P210289 | 0 | | | | 108-88-3 | 6 | | | |
| P210289 | 4 | | | TOLUENE | 108-88-3 | 6 | | | ĪV . |
| SP0387 | 2 | 4 FT | | TOLUENE | 108-88-3 | | 25 ug/Kg | | |
| 48195 | 4 | | | | 10-35-5 | 25 | | | ΙΥ |
| 48195 48195 | 0 | | (BH00102PE BH00101PE | | 10-35-5 10-35-5 | 25 25 | | | Y Y |
| 48295 | 4 | | (BH00106PE | TOTAL ORGANIC CARBON | 10-35-5 | 25 | | 'i | i v |
| 48295 | 0, | 2 FT | BH00104PE | TOTAL ORGANIC CARBON | 10-35-5 | 25 | 2650 ug/g | i . | Y |
| 48295 | 2 | | | TOTAL ORGANIC CARBON | 10-35-5 | 25 | | | ΙÝ |
| 48395 48395 | 0 2 | 2 FT 4 FT | | TOTAL ORGANIC CARBON TOTAL ORGANIC CARBON | 10-35-5 10-35-5 | 25 | | - | I Y |
| 48195 | 0 | | | | 1330-20-7 | 5 | | - | Z |
| 48195 | 2 | | | | 1330-20-7 | 5 | | | Ž |
| 48195 | 4 | 6 FT | | TOTAL XYLENES | 1330-20-7 | 5 | 5 ug/Kg | IU . | Z |
| 48295 | 0, | 2 FT | | TOTAL XYLENES | 1330-20-7 | 5 | | | Z |
| 48295 48295 | 2 | 4¦FT 6;FT | IBH00105PE !BH00106PE | | 1330-20-7 1330-20-7 | 5 | | | !Z |
| 48395 | . 0 | 21FT | BH00107PE | | 1330-20-7 | 5 | | | Z |
| 48395 | 4 | 5;FT | | | 1330-20-7 | 5 | | | Z |
| 41593 | 4. | 6 FT | | | 8001-35-2 | 210 | | | V |
| 42193 42293 | 0 | 5 FT 6 FT | | | 8001-35-2 | 170 | | | IV |
| 42493 | 0 | 5 FT | | | 8001-35-2 8001-35-2 | 190 170 | | 10 | IV IV |
| 43393 | 0 | 5 FT | BH40512AE | | 8001-35-2 | 170 | | | ĺv |
| 43493 | 0 | 5 FT | BH40319AE | | 8001-35-2 | 180 | 180 ug/Kg | U | iv . |
| 43493 | 5 | -10 FT | BH40322AE | | 8001-35-2 | 180 | | | V |
| 43693 46593 | 0 | '5 FT 7 FT | BH40520AE BH40786AE | | 8001-35-2 8001-35-2 | 170 160 | | | iV IV |
| 46593 | 7 | | | | 8001-35-2 | 160 | | | J |
| 46693 | 0 | 7 FT | | | 8001-35-2 | 160 | | | v |
| 46793 | 0, | 6FT | | | 8001-35-2 | 160 | | | V |
| 46893 46993 | 0) | 7 FT 5 FT | | | 8001-35-2 | 160 | | | V |
| 46993 | 10 | 16:IN | | | 8001-35-2 8001-35-2 | 160 160 | | | IV IV |
| 47093 | 1 | 7 FT | | | 8001-35-2 | 160 | | | lv - |
| SP0387 | 2 | 4 FT | SP038702DH | TOXAPHENE | 8001-35-2 | 40 | 40 ug/Kg | ΙU | 1 |
| SP0387 | 2 | 4 FT | | | 156-60-5 | | 25 ug/Kg | | |
| 05093 05093 | 1 5 | | | | 10061-02-6 10061-02-6 | 5 5 | | | !V V |
| 05093 | 1 | | | | 10061-02-6 | <u> </u> | | | V |
| 05393 | 2 | 2 FT | BH00077AE | | 10061-02-6 | 5 | | įυ | iv |
| 40093 | 1 | 2 FT | | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | | 6 ug/Kg | U | V |
| 40093 | 4 | 5 FT | | | 10061-02-6 | | | | V |
| 40293 40393 | 2 | 2 FT 2 FT | | | 10061-02-6 10061-02-6 | | | | V IV |
| 40693 | 1 | 2 FT | | | 10061-02-6 | | | | iV |
| 40793 | 5 | 6 FT | BH40159AE . | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 6 | 6jug/Kg | U | V |
| 40793 | 1 | 2 FT | | | 10061-02-6 | | | | įV |
| 40893 40893 | 4 | 5/FT 1/FT | BH40032AE BH40031AE | | 10061-02-6 | | | | V |
| 40993 | 5 | 6 FT | | TRANS-1,3-DICHLOROPROPENE TRANS-1,3-DICHLOROPROPENE | 10061-02-6 10061-02-6 | 5 5 | | | IV IV |
| 40993 | 1! | | | | 10061-02-6 | 6 | | | iv |
| 41193 | 1 | 2 FT | BH40050AE | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 6 | 6 ug/Kg | U . | !V |
| 41293 | 1 | | BH40197AE | | 10061-02-6 | 28 | | | lv |
| 41593 41693 | 5 2 | 5 FT 2 FT | BH40211AE BH40218AE | | 10061-02-6 | 5 | | | IV |
| 41793 | 2 | 3 FT | | | 10061-02-6 | 5 | | | IV IV |
| 41793 | 5, | 6 FT | | | 10061-02-6 | 6 | | | V |
| 41993 | 2 | 2 FT | BH40063AE | TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 5 | 5]ug/Kg | U | V |
| 41993 | 5' | 5 FT | | | 10061-02-6 | 5 | | U | ĮV |
| 42093 42193 | 1 | 2 FT 2 FT | | | 10061-02-6 10061-02-6 | 29 | | |)V |
| 42193 | 4 | 4 FT | | | 10061-02-6 | 12 6 | | | I) |
| | | | | | 10061-02-6 | 6 | | | iv |
| 42393 42493 | 1 5, | 5 FT | BH40284AE | | | | | , 0 | • • |



| | Y = 2 = 2 = : | T = = == : : | | Table A.7 Solar Evapo | | ds AOC - Analytical Resul | ts for Subsurface Soils Less Th | | | | |
|--|------------------|-------------------|--------------------|--|-------------------------------------|--|----------------------------------|-----------|--|----------------------|--|
| LOCATION | | | CODE | SAMPLE NUMBER | 27 | Analyte | CAS NO | DETECTION | RESULT UNITS | LAB RESULT | VALIDATION QUALIFIER |
| 42493 | 2 | 3 | FT | BH40283AE | | 3-DICHLOROPROPENI | | | | | V |
| 42593 | 5 | | | BH40292AE | *********** | ,3-DICHLOROPROPENI | | | 5 ug/Kg | U | V |
| 42993 42993 | ! <u>1</u> | | FT | BH40143AE BH40145AE | | ,3-DICHLOROPROPENI ,3-DICHLOROPROPENI | | 5 | | | V |
| 43193 | 2 | | FT | BH40307AE | | ,3-DICHLOROPROPENI | | 6 | | | V V |
| 43393 | 2 | | | BH40325AE | | 3-DICHLOROPROPEN | | 5 | | | v |
| 43393 | 5 | | FT | BH40326AE | | ,3-DICHLOROPROPEN | | 6 | | | V |
| 43493 | 2 | | FT | BH40320AE | | ,3-DICHLOROPROPEN | | 6 | -1-03 | | V |
| 43493 | 5 | | FT FT | BH40321AE BH40341AE | | ,3-DICHLOROPROPENE ,3-DICHLOROPROPENE | | 6 | | | V . |
| 43793 | 1 | | | BH40333AE | | 3-DICHLOROPROPENS | | 5 | | | <u>v</u> v |
| 43793 | 5 | | | BH40334AE | | 3-DICHLOROPROPEN | | 6 | | | v · |
| 43893 | 1 | | | BH40071AE | | ,3-DICHLOROPROPENE | | 6 | | | V |
| 43993 | 5 | | | BH40355AE BH40354AE | | ,3-DICHLOROPROPENE ,3-DICHLOROPROPENE | | 5 | | | <u>v</u> |
| 44093 | 1 | | | BH40349AE | | .3-DICHLOROPROPENE | | 6 12 | | | v V |
| 44393 | 5 | | | BH40035AE | · | 3-DICHLOROPROPENE | | 12 | | | V |
| 44393 | 1 | | | BH40034AE | | 3-DICHLOROPROPENE | 10061-02-6 | 28 | | | V |
| 44893 45693 | 2 | | | BH40190AE | | 3-DICHLOROPROPENE | | 6 | | | V |
| 45693 | 5 | | | BH40376AE BH40375AE | | 3-DICHLOROPROPENE 3-DICHLOROPROPENE | | 6 7 | | | <u>V</u> |
| 45793 | 5 | | | BH40560AE | | 3-DICHLOROPROPENE | | 6 | | | V V |
| 45893 | 2 | 2 | | BH40378AE | | 3-DICHLOROPROPENE | | 6 | | | * |
| 45893 | 5 | | | BH40379AE | TRANS-1, | 3-DICHLOROPROPENS | 10061-02-6 | 6 | 6 ug/Kg | U | V |
| 46193 | 0 | | | BH40386AE | | 3-DICHLOROPROPENE | | 30 | | | V |
| 46293 46593 | 2 | | | BH40566AE BH40701AE | | .3-DICHLOROPROPENE 3-DICHLOROPROPENE | | 6 5 | | | <u>V</u> |
| 46693 | 1 | | | BH40716AE | | 3-DICHLOROPROPENE | | 5 | | | V V |
| 46793 | 1 | | | BH40730AE | | 3-DICHLOROPROPENE | | 5 | | | * |
| 46893 | 1 | 2 | FT | BH40744AE | TRANS-1, | 3-DICHLOROPROPENE | 10061-02-6 | 5 | 5 ug/Kg | | v_ |
| 46993 | 3 | | | BH40758AE | | 3-DICHLOROPROPENE | | 5 | | | V |
| 48195 48195 | 0 2 | | | BH00101PE BH00102PE | | DICHLOROPROPENE DICHLOROPROPENE | 10061-02-6 | | | | Z |
| 48195 | 4 | | | BH00103PE | | DICHLOROPROPENE | 10061-02-6 | 5 5 | | | Z Z |
| 48295 | 0 | | | BH00104PE | | DICHLOROPROPENE | 10061-02-6 | 5 | | | Z |
| 48295 | 2 | | | | trans-1,3-E | DICHLOROPROPENE | 10061-02-6 | 5 | | | Ž |
| 48295 | 4 | | | BH00106PE | | DICHLOROPROPENE | 10061-02-6 | 5 | | | Z |
| 48395 48395 | 0 4 | | | BH00107PE BH00109PE | | DICHLOROPROPENE DICHLOROPROPENE | 10061-02-6 | 5 5 | | | Z |
| P208989 | 5. | | | SEP1789BR0406 | | 3-DICHLOROPROPENE | 10061-02-6 | 5 6 | | | <u>Z</u> |
| P209189 | 0 | | | SEP1989BR0002 | | 3-DICHLOROPROPENE | | 6 | | | |
| P209189 | 4 | | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | |
| P209489 P209489 | 4 | | | | | 3-DICHLOROPROPENE | | 5 | | | |
| P209489 | 0 | | | | | 3-DICHLOROPROPENE 3-DICHLOROPROPENE | | 6 | | | |
| P209889 | 4 | | | <u></u> | | 3-DICHLOROPROPENE | | 6 6 | | | |
| P210189 | 0 | 2 | | SEP3089BR0002 | | 3-DICHLOROPROPENE | | 650 | 650 ug/Kg | | |
| P210189 | 5 | | | SEP3089BR0406 | | 3-DICHLOROPROPENE | | 720 | | | |
| P210289 P210289 | 0 | | | | | 3-DICHLOROPROPENE | | 6 | | | |
| SP0387 | - 4 2 | | | SEP3189BR0406 SP038702DH | | 3-DICHLOROPROPENE 3-DICHLOROPROPENE | | 6 | | | / |
| 41593 | 4, | | | | | PHOSPHATE | 126-73-8 | 440 | 25 ug/Kg 440 ug/Kg | | , |
| 42493 | 5 | | | | | PHOSPHATE | 126-73-8 | 350 | 350 ug/Kg | | |
| 42593 | 0 | | | | | PHOSPHATE | 126-73-8 | 360 | 360 ug/Kg | | 7 |
| 48195 48195 | 0 | | | | | ROETHENE | 79-01-6 | 5 | | | Z |
| 48195 | 2 | | | | | ROETHENE ROETHENE | 79-01-6 79-01-6 | 5 5 | | | Z |
| 48295 | 0, | | | | | ROETHENE | 79-01-6 | <u>5</u> | 5 ug/Kg | | = |
| 48295 | 2 | | | BH00105PE | TRICHLOF | ROETHENE | 79-01-6 | 5 | | | Z |
| 48295 | 4 | | | | | ROETHENE | 79-01-6 | 5 | 5 ug/Kg | U | Z |
| 48395 483 9 5 | 0 | | | | | ROETHENE ROETHENE | 79-01-6 79-01-6 | 5 | | | <u>Z</u> |
| 48295 | 0 | | | | TRIDECAN | | 629-50-5 | 5 | 5 ug/Kg 4000 ug/Kg | | Z Z |
| 48295 | 0, | 2 | FT | BH00104PE | UNDECAN | E, 2,6-DIMETHYL- | 17301-23-4 | | 1000 ug/Kg | | |
| 05393 | 2 | | | | VINYL ACE | | 108-05-4 | 10, | 10 ug/Kg | U N | / |
| 40093 | 1 | | | | VINYL ACE | | 108-05-4 | 11 | | U N | |
| 40093 | 4 | | | | VINYL ACE VINYL ACE | | 108-05-4 | 12 12 | 12 ug/Kg 12 ug/Kg | U N | |
| 40393 | 2 | 2 | | | VINYL ACE | | 108-05-4 | 12 | 12 ug/Kg | | |
| 40693 | 1 | 2:1 | FT I | BH40151AE | VINYL ACE | ETATE | 108-05-4 | 13, | 13 ug/Kg | | |
| 40793 | 5 | 6 1 | | | VINYL ACE | | 108-05-4 | 12 | 12 ug/Kg | Ū Ņ | / |
| 40793 40893 | 1 4 | 2 I 5 I | | | VINYL ACE | | 108-05-4 | 64' | 64 ug/Kg | | |
| 40893 | 1 | 11 | | | VINYL ACE | | 108-05-4 | 10 | 11 ug/Kg i 58 ug/Kg i | | |
| 40993 | 1 | 2 1 | | | VINYL ACE | | 1108-05-4 | 11 | 11(ug/Kg | | |
| 40993 | 5 | 61 | FT I | BH40203AE | VINYL ACE | TATE | 108-05-4 | 11 | 11jug/Kg il | U IV | |
| 41193 | 1 | 2 (| | | VINYL ACE | | 108-05-4 | 12 | 12 ug/Kg I | U N | |
| | 5 | 2 F | | | VINYL ACE VINYL ACE | | 108-05-4 | 56 | 56 ug/Kg | | |
| 41293 | | | | | | | 108-05-4 | 10 10 | 10 ug/Kg 1 10 ug/Kg 1 | | |
| 41293 41593 | | 216 | | BH40218AF | | | 1100-00-4 | 10, | 10/09/10 | · 10 | |
| 41293 41593 41693: 41793. | 2 | 2 F | | | VINYL ACE VINYL ACE | | 108-05-4 | 10 | 10 ua/Ka | U IV | , |
| 41293 41593 41693 41793 41793 | 2 2 5 | 3 F 6 F | -T -T | BH40244AE BH40245AE | VINYL ACE VINYL ACE | TATE TATE | | 10. 11 | 10 ug/Kg | Ŭ } V | |
| 41293 41593 41693. 41793. 41793 41993 | 2 2 5 2 | 3 F 6 F 2 F | -T -T -T | BH40244AE BH40245AE BH40063AE | VINYL ACE VINYL ACE VINYL ACE | TATE TATE TATE | 108-05-4 108-05-4 108-05-4 | 11 11 | 10 ug/Kg l 11 ug/Kg l 11 ug/Kg l | ט (ע ט (ע ט (ע | |
| 41293 41593 41693 41793. | 2 2 5 | 3 F 6 F | -1 -7 -7 | BH40244AE BH40245AE BH40063AE BH40064AE | VINYL ACE VINYL ACE | TATE TATE TATE TATE | 108-05-4 108-05-4 | 11 | 10 ug/Kg 1 11 ug/Kg | | |

| LOCATION | Locara | l nenyul | | | | Analytical Results for Subsurfac | | | | | | |
|--------------------|------------|--------------|------|------------------------|-------------------------------|---|---------------------|--------------------|---------------------------------|------------------------|--|--|
| CODE | START | | UNIT | SAMPLE NUMBER | 3 M & X | Analyte | CAS NO | DETECTION LIMIT | RESULT | UNITS | LAB RESULT | |
| 42193 | 1 | 2 F | Τ. | BH40436AE | VINYL ACETATE | Andrews and I as I as a photos and the state of the same and the same | 108-05-4 | 24 | 24 | ug/Kg | Ü | V |
| 42293 | 4 | | | | VINYL ACETATE | | 108-05-4 | 11 | | ug/Kg | | J |
| 42493 | 5 | | | BH40284AE | VINYL ACETATE | | 108-05-4 | 11 | | ug/Kg ug/Kg | | V |
| 42493 | 2 | | | BH40283AE | VINYL ACETATE | | 108-05-4 | 13 | 13 | ug/Kg | U | V |
| 42593 | 5 | | | BH40292AE BH40143AE | VINYL ACETATE | | 108-05-4 | 11 | | ug/Kg | | V |
| 42993 | 5 | | | | VINYL ACETATE | · | 108-05-4 | 12 | | ug/Kg ug/Kg | | IV IV |
| 43193 | 2 | | | | VINYL ACETATE | | 108-05-4 | 21 | 21 | ug/Kg | Ù | İV |
| 43393 | 5 | | | | VINYL ACETATE | | 108-05-4 | 11 | | ug/Kg | | IV. |
| 43493 | 2 | | | | VINYL ACETATE | | 108-05-4 | 13 12 | | ug/Kg ug/Kg | | V |
| 43493 | 5 | 6 F | | BH40321AE | VINYL ACETATE | | 108-05-4 | 12 | | ug/Kg | | V |
| 43693 43793 | 3 | | | | VINYL ACETATE VINYL ACETATE | | 108-05-4 | 11 | | ug/Kg | | V |
| 43793 | 5 | | | BH40334AE | VINYL ACETATE | | 108-05-4 | 11: | | ug/Kg ug/Kg | | V V |
| 43893 | 1 | 1 F | | BH40071AE | VINYL ACETATE | | 108-05-4 | 12 | | ug/Kg | | V |
| 43993 43993 | 1 5 | | | | VINYL ACETATE | · | 108-05-4 | 11 | | ug/Kg | | V |
| 44093 | 1 | | | | VINYL ACETATE VINYL ACETATE | *************************************** | 108-05-4 | 11 23 | | ug/Kg ug/Kg | | V |
| 44393 | 5 | 6 F | T | | VINYL ACETATE | | 108-05-4 | 25 | | ug/Kg | | V |
| 44393 44893 | 1 | | | | VINYL ACETATE | | 108-05-4 | 57 | 57 | ug/Kg | U, ! | V |
| 45693 | 2 5 | | | | VINYL ACETATE VINYL ACETATE | · · · · · · · · · · · · · · · · · · · | 108-05-4 | 11 12 | | ug/Kg | | <u>V</u> |
| 45693 | 1 | 1 F | Ť | BH40375AE | VINYL ACETATE | ······································ | 108-05-4 | 13 | | ug/Kg ug/Kg | | V V |
| 45793 | 5 | | | | VINYL ACETATE | | 108-05-4 | 11 | 11 | ug/Kg | U | V |
| 45893 45893 | 2 5 | | | | VINYL ACETATE VINYL ACETATE | | 108-05-4 | 12 12 | | ug/Kg | | Ÿ V |
| 46193 | 0 | 1 F | | | VINYL ACETATE | | 108-05-4 | 12 60 | | ug/Kg ug/Kg | | <u>v</u> v |
| 46293 | 2 | 3 F | T | BH40566AE | VINYL ACETATE | | 108-05-4 | 13 | 13 | ug/Kg | U i | V |
| 46593 46693 | 2 | | | | VINYL ACETATE VINYL ACETATE | | 108-05-4 | 10 | | ug/Kg | | V |
| 46793 | 1 | | | | VINYL ACETATE | | 108-05-4 | 10) 10) | | ug/Kg ug/Kg | | <u>v</u> |
| 46893 | 1 | | | BH40744AE | VINYL ACETATE | | 108-05-4 | 10 | | ug/Kg | | v |
| 46993 P208989 | 3 5 | 3 F | | | VINYL ACETATE | | 108-05-4 | 10 | | ug/Kg | | V |
| P209189 | 0, | 1 F | | | VINYL ACETATE VINYL ACETATE | | 108-05-4 | 12 12 | | ug/Kg ug/Kg | | v V |
| P209189 | 4 | 6 F | T . | | VINYL ACETATE | | 108-05-4 | 12 | | ug/Kg | | ` |
| P209489 P209489 | 0 | 1 F | | | VINYL ACETATE | | 108-05-4 | 11 | 11 | ug/Kg | U | V |
| P209889 | 4 | 5)F1 2 F1 | | | VINYL ACETATE VINYL ACETATE | | 108-05-4 | 11 | | ug/Kg ug/Kg | | <u>v</u> |
| P209889 | 4 | 6 F | Т | | VINYL ACETATE | | 108-05-4 | 12 | ******************************* | ug/Kg | | <u>v</u> |
| P210189 P210189 | 0 | 2 F1 | | | VINYL ACETATE | | 108-05-4 | 1300 | 1300 | ug/Kg | U i | A |
| P210289 | 5 | 7 F1 2 F1 | | | VINYL ACETATE VINYL ACETATE | | 108-05-4 | 1400 12 | | ug/Kg ug/Kg | | v V |
| P210289 | 4 | 5 F1 | | | VINYL ACETATE | | 108-05-4 | 12 | | ug/Kg | | v V |
| SP0387 | 2 | 4 F1 | | | VINYL ACETATE | | 108-05-4 | | 50ji | Jg/Kg ∣I | Ū | |
| 05093 | 1 5 | , 2 F1 | | | VINYL CHLORIDE VINYL CHLORIDE | | 75-01-4 | 11) | | ıg/Kg ∣ | | V |
| 05193 | 1 | 1 F7 | | | VINYL CHLORIDE | | 75-01-4 | 11 | | ug/Kg (l ug/Kg (l | | v v |
| 05393 | 2 | 2 F1 | | | VINYL CHLORIDE | | 75-01-4 | 10 | | Jg/Kg ∣l | | . |
| 40093 40093 | 1 | 2 F1 | | | VINYL CHLORIDE | | 75-01-4 | 11 | | ug/Kg ∣l | | <u>v</u> |
| 40293 | 2 | 2 F1 | | | VINYL CHLORIDE | | 75-01-4 | 12 12 | | ug/Kg (l ug/Kg (l | | |
| 40393 | 2 | 2 F1 | | BH40124AE | VINYL CHLORIDE | | 75-01-4 | 12 | | ıg/Kg ∣l | | |
| 40693 40793 | <u>1</u> | 2 F1 6 F1 | | | VINYL CHLORIDE VINYL CHLORIDE | | 75-01-4 | 13 | | ıg/Kg (| | V |
| 40793 | 1 | 2 F1 | | | VINYL CHLORIDE | | 75-01-4 75-01-4 | 12 64 | | ıg/Kg∶l ıg/Kg∶l | | |
| 40893 | 4 | 5 F1 | r i | BH40032AE | VINYL CHLORIDE | | 75-01-4 | 10 | 11ju | ıg/Kg :l | יו | |
| 40893 40993 | 1 | 1/FT 2/FT | | | VINYL CHLORIDE | | 75-01-4 | 10 | 58 (| ıg/Kg ∣(| ١ ا | V |
| 40993 | 5 | 6 FT | | | VINYL CHLORIDE | | 75-01-4 75-01-4 | 11 | 11 1 | ıg/Kg ıg/Kg | /; [] | <u>/</u> |
| 41193 | 1 | 2 FT | · . | BH40050AE | VINYL CHLORIDE | | 75-01-4 | 12 | 12 ι | g/Kg l | J N | |
| 41293 41593 | 1 <u> </u> | 2 FT 5 FT | | | VINYL CHLORIDE | | 75-01-4 | 56 | 56) t | ıg/Kg l | ۱۱ ر | V |
| 41693 | 2 | 2 FT | | | VINYL CHLORIDE | | 75-01-4 175-01-4 | 10 10 | | ıg/Kg ∣l ıg/Kg ∣l | | |
| 41793 | 2 | 3 F1 | | BH40244AE | VINYL CHLORIDE | | 75-01-4 | 10 | | ıg/Kg∣l | | |
| 41793 41993 | 5 | 6 FT | | BH40245AE | VINYL CHLORIDE | | 75-01-4 | 11 | 11 (| ig/Kg L | ١) (| V |
| 41993 | 2 5 | 2 FT 5 FT | | | VINYL CHLORIDE | | 75-01-4 75-01-4 | 11 | | ıg/Kg ∣l | | |
| 42093 | 1 | 2 FT | | BH40484AE ! | VINYL CHLORIDE | | 75-01-4 | 57 | | ıg/Kg L ıg/Kg L | | |
| 42193 | 1 | 2 FT | | BH40436AE I | VINYL CHLORIDE | | 75-01-4 | 24 | 24 (| ıg/Kg l | Į į | V |
| 42293 42393 | 4) | 4 FT | | | VINYL CHLORIDE | | 75-01-4 75-01-4 | 11 12 | 11)0 | ig/Kg L | J | |
| 42493 | 5 | 5 FT | | | VINYL CHLORIDE | | 75-01-4 | 12 | | ıg/Kg ¦l ıg/Kg ¦l | | |
| 42493 | 2 | 3 FT | | BH40283AE | VINYL CHLORIDE | | 75-01-4 | 13 | 13 (| ıg/Kg ∫l | ١١ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ ـ | / |
| 42593 42993 | 5. | 6 FT 2 FT | | | VINYL CHLORIDE | | 75-01-4 | 11 | 1110 | ıg/Kg ∣l | J (\ | |
| 42993 | 5 | 6 FT | | | VINYL CHLORIDE | | 75-01-4 75-01-4 | 10 12 | 10 L | ig/Kg L ig/Kg L |) \ | |
| 43193 | 2 | 2 FT | İ | BH40307AE | VINYL CHLORIDE | | 75-01-4 | 21 | 21 | g/Kg L | , | |
| 43393 43393 | 2 5 | 2 FT 6 FT | | | /INYL CHLORIDE | | 75-01-4 | 11 | 11 L | ıg/Kg IL |) [/ | / |
| 43493 | 2 | 2 FT | | | /INYL CHLORIDE | | 75-01-4 75-01-4 | 13 <u>.</u> 12 | | ig/Kg L ig/Kg L | | |
| 43493 | 5 | 6)F1 | | BH40321AE | INYL CHLORIDE | | 75-01-4 | 12 | | g/Kg L | | |
| 43693 | 3 | 3 FT | | BH40341AE | /INYL CHLORIDE | | 75-01-4 | 11 | | g/Kg L | | |

| | | | | Table A.7 Solar Evapor | ration Ponds AOC | e Solls Less Than 6 Feet - Organics | | | | | | |
|----------------|-----------------|-------|------|------------------------|----------------------------------|---------------------------------------|------------------------|-----------|------|------------------|------------|--------------|
| LOCATION | DEPTH | DEPTH | UNIT | | Same of the same of | Analyte * * * * * | Sections. | DETECTION | | | LAB RESULT | |
| | · harmantonners | END | CODE | SAMPLE NUMBER | Will CH ORIO | Analyte | 75-01-4 | LIMIT | | | QUALIFIER | QUALIFIER |
| 43793 43793 | 5 | | | | VINYL CHLORID VINYL CHLORID | | 75-01-4 | 11 | | ug/Kg ug/Kg | | IV IV |
| 43/93 | 1 | | | | VINYL CHLORID | | 75-01-4 | 12 | | ug/Kg | | V |
| 43993 | 1 | | | | VINYL CHLORID | | 75-01-4 | 11 | | ug/Kg | | iV |
| 43993 | 5 | | | | VINYL CHLORID | | 75-01-4 | 1 11 | | ug/Kg | | V |
| 44093 | 1 1 | | | | VINYL CHLORID | | 75-01-4 | 23 | 23 | ug/Kg | <u> </u> | IV |
| 44393 | 5 | | | | VINYL CHLORID | | 75-01-4 | 25 | | ug/Kg | | V |
| 44393 | 1 | | | | VINYL CHLORID | | 75-01-4 | 57 | | ug/Kg | | V |
| 44893 | 2 | | | | VINYL CHLORID | | 75-01-4 | 11 | | ug/Kg | | ĪV |
| 45693 | 5 | | | | VINYL CHLORID | | 75-01-4 | 12 | | ug/Kg | | iv |
| 45693 | 1 | | | | VINYL CHLORID | | 75-01-4 | 13 | | ug/Kg | | iv . |
| 45793 | 5 | 6 | FT | BH40560AE | VINYL CHLORID | E | 75-01-4 | 11 | | ug/Kg | | iv |
| 45893 | 2 | 2 | FT | BH40378AE | VINYL CHLORID | | 75-01-4 | 12 | 12 | ug/Kg | U | IV |
| 45893 | 5 | 5 | FT | BH40379AE | VINYL CHLORID | | 75-01-4 | 12 | 12 | ug/Kg | Ŭ | V |
| 46193 | 0 | 1 | FT | BH40386AE | VINYL CHLORID | | 75-01-4 | 60 | | ug/Kg | | V |
| 46293 | 2 | | | | VINYL CHLORID | | 75-01-4 | 13 | 13 | ug/Kg | U | V |
| 46593 | 2 | | FT | | VINYL CHLORID | | 75-01-4 | 10 | | ug/Kg | | V |
| 46693 | 1 | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | | V |
| 46793 | 1 | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | | V |
| 46893 | 1 | | | | VINYL CHLORID | | 75-01-4 | 10 | | ug/Kg | | V |
| 46993 | 3 | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | | IV. |
| 48195 | 0, | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | U | Z |
| 48195 | 2 | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | U | Z |
| 48195 | 4 | | | | VINYL CHLORID | | 75-01-4 | 10 | | ug/Kg | | Z |
| 48295 | 0 | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | | Z |
| 48295 48295 | 2 | | | | VINYL CHLORIDI | | 75-01-4 | 10 | | ug/Kg | | Z |
| 48295 | 0 | | | | VINYL CHLORIDI VINYL CHLORIDI | | 75-01-4 75-01-4 | 10 | | ug/Kg | | 2 |
| 48395 | 4 | | | | VINYL CHLORIDI | | 75-01-4 75-01-4 | 1 10 | | ug/Kg | | Z |
| P208989 | 5 | | | | VINYL CHLORIDI | | 75-01-4 75-01-4 | 1 12 | | ug/Kg ug/Kg | | V V |
| P200303 | . 0 | | | | VINYL CHLORIDI | | 75-01-4 75-01-4 | 12 | | ug/Kg | | V |
| P209189 | 4 | | | | VINYL CHLORID | | 75-01-4 | 12 | | ug/Kg | | v v |
| P209489 | 0 | | | | VINYL CHLORIDI | | 75-01-4 | 11 | 11 | ug/Kg | Ū | v V |
| P209489 | 4 | | | | VINYL CHLORIDI | | 75-01-4 | 11 | | ug/Kg | | v |
| P209889 | 0 | | FT | | VINYL CHLORID | | 75-01-4 | 12 | | ug/Kg | | v |
| P209889 | 4 | | | | VINYL CHLORIDI | | 75-01-4 | 12 | | ug/Kg | | V |
| P210189 | 0, | 2 | | | VINYL CHLORIDI | | 75-01-4 | 1300 | | ug/Kg | | Α |
| P210189 | 5. | | FT " | SEP3089BR0406 | VINYL CHLORIDI | | 75-01-4 | 1400 | 1400 | ug/Kg | Ū | V |
| P210289 | 0, | | FT | SEP3189BR0002 | VINYL CHLORIDI | | 75-01-4 | 12 | | ug/Kg | | V |
| P210289 | 4 | 5 | FT | SEP3189BR0406 | VINYL CHLORIDI | | 75-01-4 | 12 | 12 | ug/Kg | U | V |
| SP0387 | 2 | | | SP038702DH | VINYL CHLORIDI | | 75-01-4 | I | 50 | ug/Kg | U | |
| 05093 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 05093 | 5 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 05193 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V |
| 05393 | 2 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 40093 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | . 6 | | ug/Kg | | V |
| 40093 | 4 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V |
| 40293 | 2 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V |
| 40393 | 2 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V |
| 40793 | 1 5, | | | | XYLENES (TOTA XYLENES (TOTA | | 1330-20-7 | 6 | , 6 | ug/Kg | <u>U</u> | ٧ |
| 40793 | 1 | | | | XYLENES (TOTA | | 1330-20-7 1330-20-7 | 6 | 23 | ug/Kg | <u>U</u> | V V |
| 40893 | 4 | | | | XYLENES (TOTA | | 1330-20-7 | 32 | | ug/Kg ug/Kg | | V |
| 40893 | 1 | ***** | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 40993 | 5 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | IV |
| 40993 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V IV |
| 41193 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V . |
| 41293 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | | | ug/Kg | | V V |
| 41593 | | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | Ū | v |
| 41693 | 5 2 | | | BH40218AE | XYLENES (TOTA | _) | 1330-20-7 | 5 | | ug/Kg | | v · |
| 41793 | 2 | 3 | FT | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg i | | V |
| 41793 | 5 | 6 | FT | BH40245AE | XYLENES (TOTA | _) | 1330-20-7 | 6 | | ug/Kg | | V |
| 41993 | 2 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | 5 | ug/Kg | U | V |
| 41993 | 5 | 5 | | | XYLENES (TOTA | | 1330-20-7 | 5 | 5 | ug/Kg | U | V |
| 42093 | 1 | 2 | | | XYLENES (TOTA | | 1330-20-7 | 29 | 29 | ug/Kg | U | V |
| 42193 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 12 | | ug/Kg | | V |
| 42293 | 4 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | J |
| 42393 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V |
| 42493 | 5 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 42493 | 2 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | V |
| 42593 | 5 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 42993 | 1 | | | | XYLENES (TOTA | | 1330-20-7 | 5 | | ug/Kg | | V |
| 42993 43193 | 5 | | | | XYLENES (TOTAL | | 1330-20-7 | 6 | | ug/Kg | | V |
| 43393 | 2 2 | | | | XYLENES (TOTAL | | 1330-20-7 | 11 | 11 | ug/Kg | U | V |
| 43393 | 5 | | | | XYLENES (TOTA) XYLENES (TOTA) | | 1330-20-7 1330-20-7 | 5 | | ug/Kg | <u> </u> | V |
| 43393 | 2 | | | | XYLENES (TOTAL | | 1330-20-7 | 6 | | ug/Kg ug/Kg | | <u>v</u> |
| 43493 | 5 | | | | XYLENES (TOTA | | 1330-20-7 | 6 | | ug/Kg | | v V |
| 43693 | 3 | | | | XYLENES (TOTAL | | 1330-20-7 | 6 | | ug/Kg | | V |
| 43793 | 11 | | | | XYLENES (TOTAL | | 1330-20-7 | 5 | | ug/Kg | | V |
| 43793 | 5 | | | | XYLENES (TOTAL | | 1330-20-7 | 6 | | ug/Kg | | V |
| 43893 | 11 | | | | XYLENES (TOTAL | | 1330-20-7 | 6 | | ug/Kg | | v |
| 43993 | 5 | | | | XYLENES (TOTAL | | 1330-20-7 | 5 | | ug/Kg | | v |
| 43993 | 1 | | | | XYLENES (TOTAL | | 1330-20-7 | 6 | | ug/Kg | | v |
| 44093 | 1 | | | | XYLENES (TOTAL | | 1330-20-7 | 12 | | ug/Kg | | v |
| i | <u></u> | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |

| | | | | Table A.7 Solar Evap | oration Ponds | | nalytical Results for Subsurface ! | | | | | |
|----------|-------|-----|------|----------------------|---------------|-------------|------------------------------------|-----------|-----------|-----------|-------------|------------|
| LOCATION | | | | 1000 500 1000 | | Car Albania | | | DETECTION | | | VALIDATION |
| CODE | START | END | CODE | SAMPLE NUMBER | 3 | أغديف | | CAS NO | LIMIT | | S QUALIFIER | QUALIFIER |
| 44393 | 5 | 6 | FT . | BH40035AE | XYLENES | TOTAL) | i | 1330-20-7 | 12 | 12:ug/Kç | įU | V |
| 44393 | 1 | 1 | FT | BH40034AE | XYLENES | TOTAL) | | 1330-20-7 | 28 | 28 ug/Kg | | !V |
| 44893 | 2 | 2 | FT | BH40190AE | XYLENES | TOTAL) | l | 1330-20-7 | 6 | 6)ug/Kg | ĮU . | IV |
| 45693 | 5. | 6 | FT | BH40376AE | XYLENES | TOTAL) | | 1330-20-7 | 6 | 6jug/Kg | | IV |
| 45693 | 1 | 11 | FT | BH40375AE | XYLENES | TOTAL) | | 1330-20-7 | 7: | 7 ug/Kg | U | ĮV |
| 45793 | 5 | 6 | FT | 8H40560AE | XYLENES | TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | U | IV |
| 45893 | 2 | 2 | FT | BH40378AE | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | ļŪ | IV |
| 45893 | 5 | 5 | FT | BH40379AE | XYLENES | TOTAL) | | 1330-20-7 | 6 | 6jug/Kg | U | V |
| 46193 | i 0, | 1/ | FT | BH40386AE | XYLENES | TOTAL) | | 1330-20-7 | 30 | 30 ug/Kg | U | !V |
| 46293 | 2 | 3 | FT | BH40566AE | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6jug/Kg | U | V |
| 46593 | 1 2 | 2 | FT | BH40701AE | XYLENES (| TOTAL) | | 1330-20-7 | 5 | 5 ug/Kg | iU | ίV |
| 46693 | 1 | 1 | FT | BH40716AE | XYLENES (| TOTAL) | | 1330-20-7 | 5, | 6 ug/Kg | U | IV |
| 46793 | 1 | 2 | FT | BH40730AE | XYLENES (| TOTAL) | | 1330-20-7 | 5 | 6 ug/Kg | TU . | IV |
| 46893 | 1 | 2 | FT | IBH40744AE | XYLENES (| TOTAL) | | 1330-20-7 | 5 | 5 ug/Kg | IU | IV |
| 46993 | 3, | 3 | FT | BH40758AE | XYLENES (| TOTAL) | | 1330-20-7 | 5 | 5 ug/Kg | Ü | IV |
| P208989 | 5 | 7 | FT | SEP1789BR0406 | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | IU | V |
| P209189 | 0 | 1) | FT | SEP1989BR0002 | XYLENES (| TOTAL) | | 1330-20-7 | 6, | 6 ug/Kg | U | iV |
| P209189 | 4 | 6 | FT | SEP1989BR0406 | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209489 | 4 | 5, | FT | SEP2289BR0406 | XYLENES (| TOTAL) | | 1330-20-7 | 5 | 5 ug/Kg | U | V |
| P209489 | 0 | 1 | FT | SEP2289BR0002 | XYLENES (| TOTAL) | i | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209889 | 0; | 2 | FT | SEP2689BR0002 | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209889 | 4 | 6 | FT | SEP2689BR0406 | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | U | IV |
| P210189 | 0; | 2 | FT | SEP3089BR0002 | XYLENES (| TOTAL) | | 1330-20-7 | 650 | 650 ug/Kg | U | Α |
| P210189 | 5 | 7 | FT | SEP3089BR0406 | XYLENES (| TOTAL) | | 1330-20-7 | 720 | 720 ug/Kg | iU | V |
| P210289 | 0 | 2 | FT | SEP3189BR0002 | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | | IV |
| P210289 | 4 | 5 | FT | SEP3189BR0406 | XYLENES (| TOTAL) | | 1330-20-7 | 6 | 6 ug/Kg | | IV |
| SP0387 | 2 | 4 | FT | ISP038702DH | XYLENES (| | | 1330-20-7 | | 25 ug/Kg | | ! |

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides LAB LOCATION DEPTH DEPTH UNIT DETECTION RESULT VALIDATION CODE SAMPLE NUMBER START END. CODE Analyte CAS NO LIMIT UNITS QUALIFIER RESULT QUALIFIER 18H00101PF AMERICIUM-241 14596-10-2 48195 2 FT 0.012 0.852 pCi/g 0 BH00102PE 2 AMERICIUM-241 48195 4!FT :14596-10-2 0.018 0.308 pCi/g Z 48195 BH00103PE 4 AMERICIUM-241 14596-10-2 0.018 0.557 pCi/g 7 6 FT 48295 BH00104PE Oį 2 FT AMERICIUM-241 14596-10-2 0.003 0.646 pCi/g Z 48295 BH00105PE 4IFT AMERICIUM-241 14596-10-2 2 0.006 0.561 pCi/g Z 48295 BH00106PE 4 6) FT AMERICIUM-241 14596-10-2 0.018 0.598 pCi/g 7 48395 BH00107PE 0 2FT AMERICIUM-241 14596-10-2 0.009 0.238 pCi/g Z 48395 BH00108PF AMERICIUM-241 0.775 pCi/g 2 4 FT 14596-10-2 0.031 Z 48395 BH00109PE 4 5 FT AMERICIUM-241 14596-10-2 0.031 0.753 pCi/g Z 41193 IBH40049AE 0 6 FT AMERICIUM-241 14596-10-2 0.002 0.29 pCi/g В V 41993 BH40062AE O 6! F.T AMERICIUM-241 14596-10-2 0.28 pCi/g 0.01 A 43893 BH40070AE 0 6|FT AMERICIUM-241 14596-10-2 0.008 V 1.4 pCi/g 0 3 FT 41293 BH40196AE AMERICIUM-241 14596-10-2 0.002 0.35 pCi/g Α 40993 BH40201AE 0 5 FT AMERICIUM-241 14596-10-2 0.003 0.25 pCi/g V 5 FT 41693 BH40217AE 0 AMERICIUM-241 14596-10-2 0.005 2.7 pCi/g Α 5|FT 41793 BH40243AE O AMERICIUM-241 14596-10-2 0.019 2.1 pCi/g Α 0.0759 pCi/g 42293 BH40253AE 11 6FT AMERICIUM-241 14596-10-2 0.00223233 V 42393 RH40261AF n SIFT AMERICIUM-241 14596-10-2 0.006 0.69 pCi/g V 43193 BH40306AE 0 5 FT AMERICIUM-241 14596-10-2 0.005 0.9 pCi/g Α 0.0302 pCi/g 43493 BH40319AE 0 5 FT AMERICIUM-241 14596-10-2 0.00233495 V 43493 BH40322AE 5 10(FT AMERICIUM-241 14596-10-2 0.00427188 0.007935 pCi/g Ī 43793 BH40332AE 0 5|FT AMERICIUM-241 14596-10-2 0.007 6.1 pCi/g A 44093 BH40348AE 0 6FT AMERICIUM-241 14596-10-2 0.006 1.8 pCi/g īv 43993 BH40353AE 0 5 FT AMERICIUM-241 14596-10-2 0.002 0.2643 pCi/g A 41593 BH40417AE 0 2 FT AMERICIUM-241 14596-10-2 V 0.005 0.5 pCi/g 41593 BH40418AE 2 4, FT AMERICIUM-241 14596-10-2 0.011 0.12 pCi/g ١v 41593 · BH40419AE 4 6 FT AMERICIUM-241 14596-10-2 0.004 0.009 pCi/g V 42193 BH40425AE 0 2|F] AMERICIUM-241 14596-10-2 0.007 0.088 pCi/g A 42193 BH40426AE 0) 4|F1 AMERICIUM-241 14596-10-2 0.01 -0.003 pCi/g IU IA 42193 BH40427AE 5 FT 0 AMERICIUM-241 14596-10-2 0.003 0.005 pCi/g ĪA 42493 BH40438AE O! 2|FT AMERICIUM-241 14596-10-2 0.062 1.1 pCi/g V 42493 BH40439AE 0 4|F1 AMERICIUM-241 14596-10-2 0.011 0.17 pCi/g ĪV AMERICIUM-241 42493 BH40440AF 0 5 FT 14596-10-2 0.009 0.006 pCi/g 11/ 42493 BH40441AE 4 8 FT AMERICIUM-241 14596-10-2 0.011 0 pCi/g 42593 BH40446AE O; AMERICIUM-241 14596-10-2 0.005 0.028 pCi/g IV 42593 BH40447AE 0 4!FT AMERICIUM-241 14596-10-2 0.005 -0.001 pCi/g Tu V 42593 BH40448AF 이 5IFT AMERICIUM-241 14596-10-2 0.002 0.002 pCi/g BJ V 42593 BH40449AE 4 8 FT AMERICIUM-241 14596-10-2 0.005 0.011 pCi/g V IJ BH40510AE 43393 0 2 F AMERICIUM-241 14596-10-2 0.002 0.021 pCi/g lΑ 43393 BH40511AE Ol 4 FT AMERICIUM-241 14596-10-2 0.002 0.008 pCi/g Α 43393 BH40512AE 0 AMERICIUM-241 14596-10-2 0.007 -0.002 pCi/g TU A 43393 BH40517AE 5 8!FT AMERICIUM-241 14596-10-2 0.002 0.005 pCi/g IA 43693 BH40518AF 0 2 FT AMERICIUM-241 14596-10-2 0.00472225 2.48 pCi/g Α 43693 BH40519AE 0.005824 pCi/g 0 4IFT AMERICIUM-241 14596-10-2 0.00537443 IA 43693 BH40520AE 0 5 FT AMERICIUM-241 14596-10-2 0.00482017 0.003358 pCi/g IA 46593 BH40700AF 1 3 FT AMERICIUM-241 14596-10-2 0.00556516 0.4892 pCi/g A 46593 BH40702AE 3 5 FT AMERICIUM-241 14596-10-2 0.0043879 0.01606 pCi/g 0.004647|pCi/g 46593 BH40703AE 5 7 FT AMERICIUM-241 14596-10-2 0.00644167 TA 46593 BH40705AE 5 9 FT AMERICIUM-241 14596-10-2 0.00483327 0.008731 pCi/g IA 46693 BH40715AE 0 2 FT AMERICIUM-241 14596-10-2 0.0136 1.494 pCi/g īv 46693 BH40715AE 0 2 FT AMERICIUM-241 14596-10-2 0.00459983 1.8 pCi/g Z 46693 BH40717AF 2 4 FT AMERICIUM-241 14596-10-2 0.00431559 0.1607 pCi/g IV 46693 BH40718AE 5 71 F T AMERICIUM-241 14596-10-2 0.00460856 0.01442 pCi/g ĪΑ 46793 BH40729AE 0 2 FT AMERICIUM-241 14596-10-2 0.1672 pCi/g 0.00506497 V 46793 BH40731AF 2 4|FT AMERICIUM-241 14596-10-2 0.00603612 0.006169 pCi/g īv 46793 BH40732AE 4 AMERICIUM-241 0.00500856 6 FT 14596-10-2 0.0217 pCi/g īv 0.01655 pCi/g 46893 BH40743AE 0 2 FT AMERICIUM-241 14596-10-2 0.00415082 IV 46893 BH40745AE 2 5 FT AMERICIUM-241 14596-10-2 0.00426166 0.0063 pCi/g IV 46893 BH40746AE 5 7 F T AMERICIUM-241 14596-10-2 0.00236809 0.00175 pCi/g IV 0.002689 pCi/g 46993 BH40757AE 1 3 FT AMERICIUM-241 14596-10-2 0.00519894 IV 46993 BH40759AE 5|FT AMERICIUM-241 3 14596-10-2 0.0024298 0.006285 pCi/g ĪV 0.01347 pCi/g 47093 BH40771AE 1 3!FT AMERICIUM-241 14596-10-2 0.00654543 ĪV 47093 BH40773AE 0.004876 pCi/g 3 5IFT AMERICIUM-241 14596-10-2 0.00556031 IV 47093 BH40774AE 5 7IFT AMERICIUM-241 14596-10-2 0.0056097 0.01571 pCi/g V P207589 SEP0389BR0003 0 3 FT AMERICIUM-241 14596-10-2 0.01 0.05 pCi/g P207589 SEP0389BR0309 3 9 FT AMERICIUM-241 14596-10-2 0.01 0.01 pCi/g P209089 SEP1889BR0003 0 3 FT AMERICIUM-241 0.77 pCi/g 14596-10-2 0.01 P209089 ISEP1889BR0309 4 9) FT AMERICIUM-241 14596-10-2 0.01 0.01 pCi/g P209489 SEP2289BR0307 0 pCi/g U 7IFT AMERICIUM-241 14596-10-2 0.02

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides LAR ¥1. **\$2.** VALIDATION LOCATION DEPTH DEPTH UNIT DETECTION RESULT Analyte QÜALIFIER LIMIT UNITS CODE SAMPLE NUMBER START END CODE CAS NO RESULT QUALIFIER AMERICII IM-241 14596-10-2 0.01 0.01 pCi/g P209889 SFP2689BR0410 10 FT P210189 ISEP3089BR0309 3 9|FT AMERICIUM-241 14596-10-2 0.02 0.21 pCi/g P210289 SEP3189BR0306 AMERICIUM-241 14596-10-2 0.01 5IFT 0 pCi/g 3 AMERICIUM-241 14596-10-2 0.02 pCi/g N SP0187 SP018704DH 4 5IFT SP0187 SP018705DH 5 6 FT AMERICIUM-241 14596-10-2 0.06 pCi/g iN SP0287 SP02870008 10) FT AMERICIUM-241 14596-10-2 0.22 pCi/g N AMERICIUM-241 14596-10-2 !N SP0387 ISP038702DH 2 4IFT -0.04 pCi/g SP0487 SP048702DH 2 4 FT AMERICIUM-241 114596-10-2 1.2 pCi/g N SP048704DH AMERICIUM-241 14596-10-2 0.06 pCi/g SP0487 N SP0587 SP058702DH 2 3 FT AMERICIUM-241 14596-10-2 0.08 pCi/g N 0.13 pCi/g SP0587 SP058704DH 4 6 FT AMERICIUM-241 14596-10-2 IN SP0787 SP078700DH AMERICIUM-241 14596-10-2 0.61 pCi/g N 4FT SP0787 SP078702DH 2 AMERICIUM-241 14596-10-2 0.21 pCi/g N 14596-10-2 SP0887 SP088703UC 4 6 FT AMERICIUM-241 0.02 pCi/g N SP0987 SP098703UC 5 FT AMERICIUM-241 14596-10-2 0.02 pCi/g N SP1087 SP108700DH Ō. 2 FT AMERICIUM-241 14596-10-2 0.59 pCi/g N SP:1087 SP108702DH 0.07 pCi/g 4 FT AMERICIUM-241 14596-10-2 2 .N SP1087 SP108704BR 4 5 FT AMERICIUM-241 14596-10-2 0.09 pCi/g N SP4087 SP108705DH 7 FT AMERICIUM-241 14596-10-2 0.16 pCi/g N SP1387 SP138700UC 2 FT AMERICIUM-241 14596-10-2 -0.02 pCi/g 0 IN SP1387 ISP138701CT 4FT AMERICIUM-241 14596-10-2 -0.03 pCi/g IN SP1387 6FT ISP138703BR AMERICIUM-241 14596-10-2 -0.02 pCi/g 42493 SS40083AE 14596-10-2 0.048 4.9 pCi/g 5 AMERICIUM-241 V 7IIN 46593 SS40140AE 8IIN AMERICIUM-241 14596-10-2 0.00884 2.429 pCi/g iv 46593 SS40140AE 8IIN AMERICIUM-241 14596-10-2 0.00531556 2.783 pCi/g Z 46993 SS40144AE 10 AMERICIUM-241 14596-10-2 0.00335843 0.02855 pCi/g 16|IN V 13967-70-9 48195 IBH00101PE O. 2 FT CESIUM-134 0.0443 0.01009 pCi/g CESIUM-134 48195 IBH00102PE 4 FT 13967-70-9 0.0405 -0.0246 pCi/g 48.195 BH00103PE 6FT CESIUM-134 13967-70-9 0.0455 -0.0396 pCi/g 4 TU 48295 BH00104PE 0 2 FT CESIUM-134 13967-70-9 0.0433 -0.00332 pCi/g ĪŪ 48295 BH00105PE 4 FT CESIUM-134 13967-70-9 0.0387 0.008543 pCi/g TU 48295 IBH00106PE 4 6FT CESIUM-134 13967-70-9 0.0328 0.002987 pCi/g IU 48395 BH00107PE 0 2 FT CESIUM-134 13967-70-9 0.0437 -0.000483 pCi/g ĪŪ -0.00367 pCi/g 48395 BH00108PE 4 FT CESIUM-134 13967-70-9 0.0341 41193 BH40049AE 6IFT CESIUM-134 13967-70-9 0.21 0.009 pCi/g U 0 īv 6 FT CESIUM-134 13967-70-9 41993 BH40062AE 0 02 0.001 pCi/g IU IJ 6 FT 43893 BH40070AE 0 CESIUM-134 13967-70-9 0.097 0.003 pCi/g U IV 41293 BH40196AE 0 3 FT CESIUM-134 13967-70-9 0.11 0.005 pCi/g ĪŪ ĪV CESIUM-134 13967-70-9 BH40201AE SIFT 0.11 pCi/g 40993 0 0.11 IZ 41693 BH40217AE 0 5 FT CESIUM-134 13967-70-9 0.1 0.007 pCi/g 0.005 pCi/g 41793 BH40243AE 0 5 FT CESIUM-134 13967-70-9 0.12 V IU 13967-70-9 0.0372 42293 BH40253AE 6!FT CESIUM-134 0.0002734 pCi/g 111 17 42393 BH40261AE 0 5 FT CESIUM-134 13967-70-9 0.11 0.11 pCi/g Z 43193 BH40306AE 0 5 FT CESIUM-134 13967-70-9 0.1 0.005 pCi/g V ΙÜ 113967-70-9 43493 BH40319AF 0 5'FT CESIUM-134 0.041 -0.00701 pCi/g U IZ 43493 BH40322AE 5 10 FT CESIUM-134 13967-70-9 0.0353 0.01028 pCi/g Z 43793 BH40332AE 0 5 FT CESIUM-134 13967-70-9 0.12 0.005 pCi/g IU 13967-70-9 44093 BH40348AF CESIUM-134 0 6 FT 0.11 0.11 pCi/g 7 41593 BH40417AE 0 2FT CESIUM-134 13967-70-9 0.095 0.095 pCi/g Z 41593 BH40418AE CESIUM-134 13967-70-9 2 0.099 0.099 pCi/g 41593 BH40419AE 6IFT CESIUM-134 13967-70-9 İΖ 0.1 0.1 pCi/g 4 42193 BH40425AE 0 2 FT CESIUM-134 13967-70-9 0.15 0.15 pCi/g Z CESIUM-134 13967-70-9 42193 BH40426AE ō 4 FT 0.097 0.097 pCi/g Z 42193 BH40427AE 5 FT CESIUM-134 13967-70-9 0 0.11 0.11 pCi/g 42493 BH40438AF 0 2|FT CESIUM-134 13967-70-9 0.11 0.11 pCi/g Z BH40439AE CESIUM-134 13967-70-9 0.099 42493 4FT 0.099 pCi/g Z 42493 BH40440AE 5 FT CESIUM-134 13967-70-9 0.1 pCi/g Z 0 0.1 42493 BH40441AF 8|FT CESIUM-134 13967-70-9 0.1 0.1 pCi/g Z 4 42593 BH40446AE CESIUM-134 13967-70-9 0.076 0 0.076 pCi/g 0.075 pCi/g 42593 BH40447AE CESIUM-134 13967-70-9 Z 0 4IFT 0.075 CESIUM-134 42593 BH40448AF 0 5 FT 13967-70-9 0.071 0.071 pCi/g Z 42593 BH40449AE 8 FT CESIUM-134 13967-70-9 0.08 0.08 pCi/g 0.098 pCi/g 43393 BH40510AE 0 CESIUM-134 13967-70-9 0.098 Z 13967-70-9 43393 BH40511AF 4 FT CESIUM-134 01 0.11 0.11 pCi/g 17 0.088 pCi/g 43393 BH40512AE 0 5|FT CESIUM-134 13967-70-9 0.088 BH40517AE 43393 5 8IFT CESIUM-134 13967-70-9 0.1 0.1 pCi/g Z -0.00643 pCi/g |U 46593 BH40700AF 3FT CESIUM-134 13967-70-9 0.02151 IV 1 46593 BH40702AE 3 5 FT CESIUM-134 13967-70-9 0.022 0.003485 pCi/g V BH40703AE 7FT 46593 CESIUM-134 13967-70-9 0.02153 0.0006929 pCi/g

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides · 李智·金公 DEPTH DEPTH TOWNS & ST M. Some DETECTION 1 UNIT LOCATION RESULT VALIDATION SAMPLE NUMBER START CAS NO CODE END CODE Analyte ***LIMIT** RESULT UNITS QUALIFIER QUALIFIER 46593 BH40705AF CESILIM-134 13967-70-9 9 FT 0.02681 -0.0117_|pCi/g -0.000165|pCi/g 46693 BH40715AF 0, 2|FT CESIUM-134 13967-70-9 0.026 IU IV BH40717AE 4FT 13967-70-9 46693 CESIUM-134 0.021 -0.00699 pCi/g īŪ -0.00586 pCi/g BH40718AE CESIUM-134 13967-70-9 46693 5 7 FT 0.02622 Tu V 46793 BH40729AF 2FT CESIUM-134 13967-70-9 0.02364 -0.00165 pCi/g V Τü 46793 BH40731AE 4 F1 CESIUM-134 13967-70-9 0.024 -0.00433 pCi/g IU 0.009743 pCi/g 46793 BH40732AE 4 6FT CESIUM-134 113967-70-9 IV 0.025 īŪ BH407434F 0.002465 pCi/g 46893 Ol 2 FT CESIUM-134 13967-70-9 0.02069 W Ü 46893 BH40745AE 2 5 FT CESIUM-134 13967-70-9 0.02078 0.01215 pCi/g ĪV -0.0138 pCi/g 46893 BH40746AE 5 7/F CESIUM-134 13967-70-9 0.01989 iV BH40757AF 46993 3!FT CESIUM-134 1 113967-70-9 0.02144 0.01234 pCi/g IU !V 46993 BH40759AF 3 5 FT CESIUM-134 13967-70-9 -0.00759 pCi/g 0.019 U -0.00747 pCi/g 47093 BH40771AE 11 3 FT CESIUM-134 13967-70-9 0.022 111 īV 47093 BH40773AF 5 FT CESILIM-134 3 13967-70-9 0.021 0.002715 pCi/g III īv 47093 BH40774AE 5 7 FT CESIUM-134 13967-70-9 0.024 0.01158 pCi/g IV 42493 SS40083AE 7IIN CESIUM-134 13967-70-9 0.13 0.13 pCi/g Z 46593 SS40140AF CESILIM-134 13967-70-9 SIIN 0.023 -0.0155 pCi/g H īV 46993 SS40144AE 10 16 IN CESIUM-134 13967-70-9 0.021 -0.00269 pCi/g Įΰ BH00101PE 0.01577 pCi/g 48195 0 2FT CESIUM-137 10045-97-3 0.0443 ÌÜ ΪY 48195 BH00102PE 4 FT CESIUM-137 10045-97-3 2 0.0409 0.04145 pCi/g V -0.00192ipCi/g 48195 BH00103PE 4 6IFT CESIUM-137 10045-97-3 0.045 ĪŪ BH00104PE -0.00518 pCi/g 48295 2 FT CESIUM-137 10045-97-3 0.0448 IU 48295 BH00105PE 4 FT CESIUM-137 10045-97-3 2 0.0394 -0.00222 pCi/g III IV 0.01584 pCi/g 48295 BH00106PE 6 FT CESIUM-137 10045-97-3 0.035 0.004958 pCi/g 48395 BH00107PE 0 2 FT CESIUM-137 10045-97-3 0.044 Îυ ÎΥ 48395 BH00108PE 4 FT CESIUM-137 10045-97-3 2 0.0338 -0.00371 pCi/g IU Y 41193 BH40049AF 6 FT CESIUM-137 10045-97-3 0.47 0.21 pCi/g V 0.001 pCi/g 41993 BH40062AE o 6 FT CESIUM-137 10045-97-3 0.2 IJ IJ 43893 BH40070AE 6FT CESIUM-137 10045-97-3 0 0.12 0.003 pCi/g U V 41293 BH40196AE 0 3 FT CESIUM-137 10045-97-3 0.25 0.16 pCi/g IU ĪΫ 40993 BH40201AE 0 5 FT CESIUM-137 10045-97-3 0.14 0.004 pCi/g U V 4:1693 BH40217AE 0 5 FT CESIUM-137 10045-97-3 0.24 0.087 pCi/g ĪŪ IV BH40243AE 0 5 FT 41793 CESIUM-137 10045-97-3 0.18 0.42 pCi/g IV 42293 BH40253AF 11 6 FT CESIUM-137 10045-97-3 0.0397 0.002098 pCi/g U IA 42393 BH40261AE 0 5 FT CESIUM-137 10045-97-3 0.14 0.003 pCi/g TU īV 43193 BH40306AF 01 5 FT CESIUM-137 10045-97-3 0.2 0.16 pCi/g Ū ī 43493 BH40319AF O. SIFT CESIUM-137 10045-97-3 0.0535 -0.00451 pCi/g U A 43493 BH40322AE 5 10 FT CESIUM-137 10045-97-3 0.02665 pCi/g |U 0.0393 IA 43793 BH40332AF 0 5 FT CESIUM-137 0.4 pCi/g 10045-97-3 0.35 IJ Īν 44093 BH40348AE 0; 6 FT CESIUM-137 10045-97-3 0.13 0.003 pCi/g U IV BH40353AE 43993 0 5 FT CESIUM-137 10045-97-3 0.01397 pCi/g 0.0613 iu IA 0 41593 BH40417AE 2 FT CESIUM-137 10045-97-3 0.14 0.01; pCi/g U īV 41593 BH40418AE 2 4FT CESIUM-137 10045-97-3 0.12 0.01 pCi/g U V 0.01 pCi/g 41593 BH40419AE 6FT CESIUM-137 10045-97-3 4 0.13 IV U 42193 BH40425AE 2FT CESIUM-137 10045-97-3 0.2 0.01 pCi/g ĺν IU 42193 BH40426AE ō 4 FT CESIUM-137 10045-97-3 0.003 pCi/g 0.14 lu V 42193 0.003 pCi/g BH40427AE 0 5 FT CESIUM-137 10045-97-3 0.12 ĪV IU 42493 BH40438AF 2 FT 0 CESIUM-137 10045-97-3 0.12 0.003 pCi/g īV U 42493 BH40439AE 0 4 FT CESIUM-137 10045-97-3 0.003 pCi/g 0.11 V BH40440AE 0.003 pCi/g 42493 0 5 FT CESIUM-137 10045-97-3 0.13 V U 42493 BH40441AE 8 FT CESIUM-137 4 10045-97-3 0.13 0.003 pCi/g ĪÜ īV 42593 BH40446AE 0 2FT CESIUM-137 10045-97-3 0.11 0 pCi/g ĪŪ IV 42593 BH40447AE 0 0.1 pCi/g CESIUM-137 10045-97-3 0.11 ìΰ IU 42593 BH40448AE 0 5 FT CESIUM-137 10045-97-3 0.089 0 pCi/g U īv 42593 RH40449AF 4 8 FT CESIUM-137 10045-97-3 0.092 0 pCi/g U V 43393 BH40510AE 0 2FT CESIUM-137 0.01|pCi/g 10045-97-3 0.12 īV ΙÜ 43393 BH40511AE 0 4FT CESIUM-137 10045-97-3 0.13 0.01 pCi/g 111 IV BH40512AF 43393 0 5 FT CESIUM-137 10045-97-3 0.12 0.01 pCi/g ١V ΙŪ 43393 BH40517AE 5 8|FT CESIUM-137 10045-97-3 0.12 0.01 pCi/g ΙU V BH40518AE 43693 0 2 FT CESIUM-137 10045-97-3 0.045 0.1382 pCi/g X ÍΑ BH40519AE 43693 0 4 FT CESIUM-137 10045-97-3 0.0474 -0.00221 pCi/g U Α 43693 BH40520AE 0 5 FT CESIUM-137 -0.00371 pCi/g 10045-97-3 0.0601 IU A 0.003276 pCi/g 46593 BH40700AF 1 3 FT CESIUM-137 10045-97-3 0.02188 ١v IU 46593 BH40702AE 5!FT 3 CESIUM-137 10045-97-3 0.024 0.00524 pCi/g U W 46593 BH40703AE 5 7/FT CESIUM-137 10045-97-3 0.02208 0.002463 pCi/g ĪŪ BH40705AE 5 0.01186 pCi/g 46593 9/FT CESIUM-137 10045-97-3 0.02997 IÚ V 46693 BH40715AE 0 2IFT CESIUM-137 10045-97-3 0.032 0.02999 pCi/g Ü W 46693 BH40717AF 2 4 FT CESIUM-137 10045-97-3 0.021 -0.0177 pCi/g ĪŪ BH40718AE 7 FT

10045-97-3

0.0268

0.01207 pCi/g

ĪV

CESIUM-137

| | Table A.8 S | olar Eva | poration | Ponds A | OC - Analytical Results | | ce Soils Less T | han 6 Feet - | Radionu | clides | |
|---------------------------------------|--------------------------------|----------|---|-------------|--|--------------------------|--|--|---------------------------------|--|--|
| | | | A-0 - W | *** | and the state of t | 3 4 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | 100 | ≜ LAB | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | | DEPTH | | | CAS NO | DETECTION | rio Crist | 24.3 | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | · Sillian and Sillian State of the State of | CODE | Analyte | | | Children Calley & Withorksonia | And a Constitution of the Party | QUALIFIER | المنافلة المراجعة المراجعة المناطقة المستدوا |
| 46793 46793 | BH40729AE BH40731AE | 2 | | · | CESIUM-137 CESIUM-137 | 10045-97-3 | 0.02744 | | | | IV IV |
| | BH40732AE | 4 | · ······ | <u> </u> | CESIUM-137 | 10045-97-3 | 0.023 | | | | IV |
| | BH40743AE | 0 | | | CESIUM-137 | 10045-97-3 | 0.02203 | | | | IV |
| 46893 | BH40745AE | 2 | | | CESIUM-137 | 10045-97-3 | 0.02102 | | | | V |
| | BH40746AE | 5 | | | CESIUM-137 | 10045-97-3 | 0.01902 | | | | V |
| · | BH40757AE | 1 | | | CESIUM-137 | 10045-97-3 | 0.02235 | -0.0128 | | | V |
| 46993 | BH40759AE | 3 | 5 | FT | CESIUM-137 | 10045-97-3 | 0.021 | 0.005787 | pCi/g | U | V |
| 47093 | BH40771AE | 1 | 3 | FT | CESIUM-137 | 10045-97-3 | 0.024 | -0.0108 | pCi/g | U | V |
| | BH40773AE | 3 | | | CESIUM-137 | 10045-97-3 | 0.025 | 0.01514 | | | V. |
| | BH40774AE | 5 | | | CESIUM-137 | 10045-97-3 | 0.024 | -0.00295 | | | V |
| | SEP0389BR0003 | 0 | | | CESIUM-137 | 10045-97-3 | 0.1 | ····· | pCi/g | U | <u> </u> |
| | SEP0389BR0309 | 3 | · | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | ļ |
| | SEP1689BR0004 | 0 | · | | CESIUM-137 CESIUM-137 | 110045-97-3 | 0.1 | | | U | ļ |
| | SEP1689BR0410 SEP1789BR0309 | 3 | · | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | |
| | SEP1889BR0003 | 0 | | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | <u> </u> |
| <u> </u> | SEP1889BR0309 | 4 | | | CESIUM-137 | 10045-97-3 | 0.1 | | | Ü | į |
| | SEP1989BR0003 | 0 | | | CESIUM-137 | 10045-97-3 | 0.1 | | pCi/q | | - |
| · · · · · · · · · · · · · · · · · · · | SEP2289BR0307 | 3 | <u> </u> | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | i |
| | SEP2389BR0004 | 0 | | | CESIUM-137 | 10045-97-3 | 0.1 | ` | pCi/g | Ū | |
| | SEP2389BR0410 | 4 | | | CESIUM-137 | 10045-97-3 | . 0.1 | | | Ū | |
| P209889 | SEP2689BR0410 | 4 | 10 | FT | CESIUM-137 | 10045-97-3 | . 0.1 | 0 | pCi/g | U | [|
| | SEP3089BR0003 | 0 | 3 | FT | CESIUM-137 | 10045-97-3 | 0.1 | 0.1 | pCi/g | | |
| | SEP3089BR0309 | 3 | | | CESIUM-137 | 10045-97-3 | 0.1 | 0 | pCi/g | U | |
| | SEP3189BR0003 | 0 | | | CESIUM-137 | 10045-97-3 | 0.1 | · | pCi/g | - | <u> </u> |
| | SEP3189BR0306 | 3 | | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | <u></u> |
| | SP038702DH | 2 | | | CESIUM-137 | 10045-97-3 | 0.40 | | pCi/g | | N |
| 42493 46593 | SS40083AE SS40140AE | 5 7 | | | CESIUM-137 CESIUM-137 | 10045-97-3 | 0.13 | 0.002 | | | V |
| | SS40144AE | 10 | . <u>,</u> | <u> </u> | CESIUM-137 | 10045-97-3 | 0.023 | 0.04147 | | | V |
| · · · · · · · · · · · · · · · · · · · | BH00101PE | 0 | | | GROSS ALPHA | 10-78-6 | 4.5 | | pCi/g | <u> </u> | Z |
| | BH00102PE | 2 | · | | GROSS ALPHA | 10-78-6 | 3.5 | | pCi/g | | Z |
| | BH00103PE | 4 | | | GROSS ALPHA | 10-78-6 | 3 | | pCi/g | | Z |
| | BH00104PE | 0 | | | GROSS ALPHA | 10-78-6 | 5 | | pCi/g | | Z |
| 48295 | BH00105PE | 2 | | · | | 10-78-6 | 5 | | pCi/g | | Z |
| 48295 | BH00106PE | 4 | 6 | FT | GROSS ALPHA | 10-78-6 | 3.5 | 10.5 | pCi/g | | Z |
| 48395 | BH00107PE | 0 | 2 | FT | GROSS ALPHA | 10-78-6 | 6 | 20.5 | pCi/g | | Z |
| | BH00108PE | 2 | | | GROSS ALPHA | 10-78-6 | 5.5 | 19 | pCi/g | | Z |
| | BH00109PE | 4 | | | GROSS ALPHA | 10-78-6 | 5.5 | | pCi/g | | Z |
| | BH00061AE | 0 | | | | 12587-46-1 | 4.37 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | | Α |
| | BH00076AE | 0 | · | | | 12587-46-1 | 3.7 | | pCi/g | | V |
| | BH40001AE (| 0 | | | | 12587-46-1 | 3.7 | | pCi/g | | A |
| | BH40033AE | 0 | | | GROSS ALPHA | 12587-46-1 12587-46-1 | 3.3 | | pCi/g pCi/g | | A A |
| | BH40049AE | 0 | } | | GROSS ALPHA | 12587-46-1 | 2.4 | | pCi/g | | A |
| | BH40062AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.4 | | pCi/g | | V |
| | BH40070AE | 0 | | | | 12587-46-1 | 3.1 | | pCi/g | | A |
| | BH40118AE | 0 | · | | | 12587-46-1 | 2.6 | | pCi/g | | A |
| 40393 | BH40123AE | 0 | 5 | FT | GROSS ALPHA | 12587-46-1 | 2.4 | 19 | pCi/g | | A |
| | BH40141AE ! | 1 | 6 | FT | GROSS ALPHA | 12587-46-1 | 3.2 | 19.4 | pCi/g | | Α |
| | BH40157AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.6 | 16 | pCi/g | | A |
| | BH40188AE | 0 | | | GROSS ALPHA | 12587-46-1 | 3.9 | | pCi/g | | Α |
| | BH40196AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.9 | | pCi/g | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Α |
| | BH40201AE | 0 | | | GROSS ALPHA | 12587-46-1 | 1.9 | | pCi/g | | A |
| | BH40217AE BH40243AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.5 | | pCi/g | | A |
| | BH40253AE | 1 | <u> </u> | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | 2.4 | | pCi/g | | A |
| | BH40261AE | | | | GROSS ALPHA | 12587-46-1 | 2.91203 | 14.54 | pCi/g pCi/g | | A A |
| | BH40306AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.8 | | pCi/g | | Ā |
| | BH40319AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.53847 | 10.66 | | | Â |
| | BH40322AE | 5 | | | | 12587-46-1 | 2.90732 | 8.412 | | | A |
| | BH40332AE | O | | | GROSS ALPHA | 12587-46-1 | 2.5 | | pCi/g | | A |
| | BH40348AE | 0 | | | GROSS ALPHA | 12587-46-1 | 5.1 | | pCi/g | | A |
| | BH40353AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.69 | 10.72 | pCi/g | | V |
| | BH40377AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.37 | 9.041 | | | V |
| | BH40413AE | 0 | | | GROSS ALPHA | 12587-46-1 | 2.2 | | pCi/g | | A |
| | BH40417AE | 0 | | | GROSS ALPHA | 12587-46-1 | 3.1 | | pCi/g | | A |
| 41593 | BH40418AE | 2 | 4 | FT | GROSS ALPHA | 12587-46-1 | 3.2 | 27: | pCi/g | | A |

٠.

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides 1 AB 4 1 24 4 V 18 . 1. . 1. DEPTH UNIT ě LOCATION DEPTH DETECTION 18K 198 RESULT VALIDATION START END CODE CAS NO CODE SAMPLE NUMBER Analyte LIMIT RESULT UNITS QUALIFIER QUALIFIER. GROSS ALPHA BH40419AF 12587-46-1 41593 61FT 1.9 12 pCi/g 42493 BH40438AF 0 2 FT GROSS ALPHA 12587-46-1 2.4 22 pCi/g IA GROSS ALPHA BH40439AE 12587-46-1 42493 0 4|F] 15 pCi/g ĺΑ 17 pCi/g **GROSS ALPHA** 12587-46-1 42493 BH40440AF 0 5 FT 22 Δ BH40441AF 42493 4 8 FT **GROSS ALPHA** 12587-46-1 2.1 17 pCi/g Α GROSS ALPHA 42593 BH40446AE O 2|F1 12587-46-1 2.3 49 pCi/g A 18 pCi/g 12587-46-1 42593 BH40447AE 0 4 FT GROSS ALPHA 1.9 IA 42593 BH40448AF 0 SIFT GROSS ALPHA 12587-46-1 1.8 26 pCi/g IA GROSS ALPHA BH40449AE 8|FT 12587-46-1 42593 1.7 25 pCi/g IA 0 5 FT **GROSS ALPHA** 12587-46-1 14.52 pCi/g V 42093 BH40483AF 2.31 43693 BH40518AF 70 21FT GROSS ALPHA 112587-46-1 2.84 19.61 pCi/g IV BH40519AE 4 FT **GROSS ALPHA** 12587-46-1 43693 ō 2.62 14.68 pCi/g V BH40520AE 5 FT **GROSS ALPHA** 12587-46-1 2.29 16.63 pCi/g V 43693 0 45793 BH40557AF 0 4IFT GROSS ALPHA 12587-46-1 2.3 16 pCi/g A 46593 BH40700AE 3|FT **GROSS ALPHA** 12587-46-1 2.77142 8.603 pCi/g V 46593 BH40702AE 5 FT GROSS ALPHA 12587-46-1 2 76917 14.7 pCi/g ĪV 3 8.196 pCi/g 7 FT GROSS ALPHA 12587-46-1 46593 IBH40703AF 5 2 54351 IV 46593 BH40705AE 5 9 FT **GROSS ALPHA** 12587-46-1 2.45738 4.204 pCi/a V 15.45 pCi/g 46693 BH40715AE 0 2|FT **GROSS ALPHA** 12587-46-1 3.85513 IV 4 FT GROSS ALPHA 12587-46-1 2 45834 46693 IRH40717AF 2 9.181 pCi/g IV BH40718AE 5 7 FT GROSS ALPHA 12587-46-1 3.85661 V 46693 12.97 pCi/g 6.374 pCi/g 46793 BH40729AE 0 2 FT GROSS ALPHA 12587-46-1 2.90619 IA 2 4 FT GROSS ALPHA 112587-46-1 46793 IRH40731AF 2 61919 5.382 pCi/g A 46793 BH40732AE 6 FT **GROSS ALPHA** 12587-46-1 2.62128 4 5.839 pCi/g A 46893 BH40743AE 0 2FT GROSS ALPHA 12587-46-1 2 97746 13.99 pCi/g IV BH407454F 2 5IFT GROSS ALPHA 12587-46-1 2 62023 46893 8.777 pCi/g īv 46893 BH40746AE 5 7/FT GROSS ALPHA 12587-46-1 3.03859 5.065 pCi/g V 46993 BH40757AE 3 FT GROSS ALPHA 12587-46-1 2.61817 18.26 pCi/g īv 13.99 pCi/g 5 FT GROSS ALPHA 12587-46-1 46993 BH40759AE 3 2.62235 ĪΫ 47093 BH40771AE 1 3 FT GROSS ALPHA 12587-46-1 3.45339 11.68 pCi/g ĪΑ 47093 BH40773AF 5 FT GROSS ALPHA 12587-46-1 3.16694 1.721 pCi/g A 47093 BH40774AF 5 GROSS ALPHA 12587-46-1 7(FT 3.56064 6.291 pCi/g A P207589 SEP0389BR0003 0 3 FT GROSS ALPHA 12587-46-1 27 5 pCi/g P207589 SEP0389BR0309 3 9IFT GROSS ALPHA 12587-46-1 17 17ipCi/g SEP1689BR0004 GROSS ALPHA P208889 4 FT 12587-46-1 10 17 pCi/g 0 18 pCi/g P208889 SEP1689BR0410 4 10 FT GROSS ALPHA 12587-46-1 9 GROSS ALPHA P208989 ISEP1789BR0309 3 9 FT 12587-46-1 17 24 pCi/g SEP1889BR0003 GROSS ALPHA P209089 12587-46-1 0 3 FT 111 28 pCi/g P209089 ISEP1889BR0309 4 9 FT GROSS ALPHA 12587-46-1 10 15 pCi/g P209189 SEP1989BR0003 0 3 FT GROSS ALPHA 12587-46-1 10 62 pCi/g P209489 SEP2289BR0307 GROSS ALPHA 6 pCi/g 7! FT 12587-46-1 17 3 įυ P209589 SEP2389BR0004 0 4IFT GROSS ALPHA 12587-46-1 9 20 pCi/g P209589 SEP2389BR0410 10 FT GROSS ALPHA 12587-46-1 9 33 pCi/g SEP2689BR0410 GROSS ALPHA 29 pCi/g P209889 4 10 FT 12587-46-1 9 P210189 SEP3089BR0003 0 3 FT GROSS ALPHA 12587-46-1 62 490 pCi/g P210189 SEP3089BR0309 9FT GROSS ALPHA 12587-46-1 36 pCi/g 52 pCi/g P210289 SEP3189BR0003 0 **GROSS ALPHA** 12587-46-1 3 FT 17 P210289 SEP3189BR0306 3 5 FT GROSS ALPHA 12587-46-1 17 19 pCi/g SP0187 SP018704DH 5 FT GROSS ALPHA 12587-46-1 34 pCi/g 28 pCi/g SP0187 SP018705DH 5 6FT GROSS ALPHA 12587-46-1 N SP0287 SP02870008 ō 10|FT GROSS ALPHA 112587-46-1 14 pCi/g N SP0387 GROSS ALPHA 12587-46-1 SP038702DH 4FT 28 pCi/g N SP0487 SP048702DH 2 GROSS ALPHA 12587-46-1 4 FT 34 pCi/g N SP0487 SP048704DH 4 6 FT GROSS ALPHA 12587-46-1 57 pCi/g N SP0587 3 FT GROSS ALPHA SP058702DH 112587-46-1 48 pCi/g N SP0587 ISP058704DH GROSS ALPHA 12587-46-1 27 pCi/g 4 6!FT N SP0787 SP078700DH 0 2 FT GROSS ALPHA 12587-46-1 24 pCi/g N SP0787 SP078702DH 4FT GROSS ALPHA 12587-46-1 30 pCi/g N 32 pCi/g SP0887 SP088703UC 6 FT GROSS ALPHA 12587-46-1 4 N SP0987 SP098703UC 3 5 FT GROSS ALPHA 12587-46-1 25 pCi/g N 12587-46-1 SP1087 SP108700DH 0 2 FT **GROSS ALPHA** 40 pCi/g N SP1087 SP108702DH 2 4FT GROSS ALPHA 12587-46-1 27 pCi/g IN SP1087 SP108704BR 5 FT IGROSS ALPHA 4 12587-46-1 33 pCi/g IN 12587-46-1 SP1087 SP108705DH 5 7 FT **GROSS ALPHA** 19 pCi/g IN

12587-46-1

12587-46-1

12587-46-1

12587-46-1

12587-46-1

30 pCi/g

30 pCi/g

19 pCi/g

21 pCi/g

29.57 pCi/g

2.5

2.84221

N

N

N

IA

SP1387

SP1387

SP1387

42493

46593

SP138700UC

ISP138701CT

SP138703BR

SS40083AE

SS40140AE

ō

2

4

5

2 FT

4 FT

6 FT

7 IN

8 IN

GROSS ALPHA

GROSS ALPHA

GROSS ALPHA

GROSS ALPHA

GROSS ALPHA

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

| 4.0 | 1 0 1 × 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 4. 46 | 21 1 2 3 1 1 2 2 1 1 | CC - Analytical Results | ° 40 € 40 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 967 See 1877 | Sept. Ash | **LAB |
|--------------------------------------|---|-------|---------------------------------|-------------------------|------------|---------------------------------------|----------------|--|--|
| I OCATION | ****** | ОБРТЕ | DEPTH UNIT | | 12 3 4 | DETECTION | State what the | | RESULT VALIDATION |
| CODE | SAMPLE NUMBER | | | Analyte | CAS NO | LIMIT | | N | 1 |
| A Dictionary and have an arranged to | · | | | | | | RESULT U | all of the contract of the con | Marinery . To grant the water Marinery and the state of the section of the sectio |
| 46993 | SS40144AE | 10 | | | 12587-46-1 | 2.62128 | | | V |
| | BH00061AE | 0 | | GROSS BETA | 12587-47-2 | 2.88 | | | Α . |
| | BH00066AE | 0 | | GROSS BETA | 12587-47-2 | 2.7 | | | A |
| | BH00076AE . | 0 | | GROSS BETA | 12587-47-2 | 2.8 | | | V |
| · | BH00101PE | 0 | | GROSS BETA | 12587-47-2 | 2.5 | | | ! Z |
| | BH00102PE | 2 | | GROSS BETA | 12587-47-2 | 2 | | | Z |
| | BH00103PE | 4 | | GROSS BETA | 12587-47-2 | 1.5 | 23 pC | Ci/g | Z |
| 48295 | BH00104PE | 0 | 2 FT | GROSS BETA | 12587-47-2 | 2 | 34 pC | Ci/g | Z |
| 48295 | BH00105PE | 2 | 4 FT | GROSS BETA | 12587-47-2 | 2.5 | 32 pC | Ci/g | Z |
| 48295 | BH00106PE | 4 | | GROSS BETA | 12587-47-2 | 2.5 | 23.5 pC | | Z |
| | BH00107PE | 0 | | GROSS BETA | 12587-47-2 | 2.5 | 38 pC | | Z |
| | BH00108PE | 2 | | GROSS BETA | 12587-47-2 | 2.5 | 35 pC | | · Z |
| ` | BH00109PE | 4 | | GROSS BETA | 12587-47-2 | 2.5 | 34 pC | | Z |
| | BH40001AE | 0 | | GROSS BETA | 12587-47-2 | 2.7 | 25.5 pC | | A |
| | BH40030AE | 0 | | GROSS BETA | 12587-47-2 | 2.7 | | | |
| <u> </u> | BH40030AE | 0 | | GROSS BETA | 12587-47-2 | 5.7 | 22.4 pC | | A A |
| | | | | | | | 30 pC | | B A |
| | BH40049AE | 0 | | GROSS BETA | 12587-47-2 | 4.9 | 33 pC | | B (A |
| | BH40062AE | 0 | | GROSS BETA | 12587-47-2 | 3 | | | V i |
| | BH40070AE | 0 | | GROSS BETA | 12587-47-2 | 6.5 | 16 pC | | B A |
| | BH40118AE | 0 | | GROSS BETA | 12587-47-2 | 5.7 | 37 pC | | A |
| <u></u> | BH40123AE | 0 | 5 FT | GROSS BETA | 12587-47-2 | 4.9 | 27 pC | | В А |
| 42993 | BH40141AE | 1 | 6 FT | GROSS BETA | 12587-47-2 | 2.7 | 31.9 pC | | A |
| | BH40157AE | 0 | | GROSS BETA | 12587-47-2 | 5.5 | 19 pC | | · · · · · · · · · · · · · · · · · · · |
| | BH40188AE | 0 | | GROSS BETA | 12587-47-2 | 2.6 | 24.1 pC | | A |
| | BH40196AE | 0 | | GROSS BETA | 12587-47-2 | 6.1 | 21 pC | | iv iv |
| | BH40201AE | 0 | | GROSS BETA | 12587-47-2 | 5.7 | 35 pC | | V |
| <u></u> | BH40217AE | 0 | | GROSS BETA | 12587-47-2 | 4.6 | 33 pC | | - V |
| · | BH40243AE | 0 | | GROSS BETA. | | · | | | |
| | | | | | 12587-47-2 | 4.8 | 24 pC | | IV (V) |
| | BH40253AE | 1 | | GROSS BETA | 12587-47-2 | 2.07295 | 45.04 pC | | V |
| <u> </u> | BH40261AE | 0 | | GROSS BETA | 12587-47-2 | 6.4 | 50 pC | | A |
| | BH40306AE | 0 | | | 12587-47-2 | 5.5 | 36 pC | | V |
| | BH40319AE | 0 | | | 12587-47-2 | 1.94359 | 18.07 pC | | ĮV į |
| | BH40322AE | 5, | | | 12587-47-2 | 2.07363 | 16.72 pC | Ci/g | V |
| 437.93 | BH40332AE | 0 | | | 12587-47-2 | 5 | 37 pC | Ci/g | IV I |
| 44093 | BH40348AE | O | 6 FT | GROSS BETA | 12587-47-2 | 5.2 | 42 pC | Ci/g | Α |
| 43993 | BH40353AE | 0 | 5 FT | GROSS BETA | 12587-47-2 | 1.92 | 18.29 pC | | iv |
| 45693 | BH40374AE | 0, | 6 FT | GROSS BETA | 12587-47-2 | 4.8 | 22 pC | | İV |
| | BH40377AE | 0 | | GROSS BETA | 12587-47-2 | 2.03 | 20.95 pC | | - V |
| | BH40385AE | 0 | | GROSS BETA | 12587-47-2 | 3.9 | 24 pC | | - Iv |
| | BH40413AE | 0 | | GROSS BETA | 12587-47-2 | 5.7 | 22 pC | | - V |
| | BH40417AE | 0 | | GROSS BETA | 12587-47-2 | 4.8 | 46 pC | | - V |
| | BH40418AE | 2 | | GROSS BETA | 12587-47-2 | 4.0 | 40 pC | | - V |
| | | 4 | | | | | | | |
| | BH40419AE | | | GROSS BETA | 12587-47-2 | 4.4 | 24) pC | | V |
| | BH40425AE ! | 0 | | GROSS BETA | 12587-47-2 | 4.5 | 35 pC | | |
| | BH40426AE | 0) | | GROSS BETA | 12587-47-2 | 5.3 | 21 pC | ~~~ | V |
| | BH40427AE | 0 | | | 12587-47-2 | 4.6 | 30 pC | | V . |
| · | BH40438AE | 0 | | | 12587-47-2 | 4.5 | 21 pC | | A |
| | BH40439AE | 0 | | | 12587-47-2 | 5.1 | 20 pC | Ci/g | A |
| 42493 | BH40440AE ! | 0 | 5 FT | GROSS BETA | 12587-47-2 | 4.8 | 31 pC | Ci/g | Α |
| | BH40441AE | 4 | 8 FT | | 12587-47-2 | 5 | 28 pC | | iA i |
| | BH40446AE | 0 | | | 12587-47-2 | 3.4 | 52 pC | | V |
| | BH40447AE | O | | | 12587-47-2 | 4 | 26 pC | | v |
| | BH40448AE | 0 | | GROSS BETA | 12587-47-2 | 4.2 | 32 pC | | V |
| | BH40449AE | 4 | | GROSS BETA | 12587-47-2 | 4.7 | 28 pC | | - V |
| · | BH40483AE | 0) | | GROSS BETA | | | | | |
| | | | | | 12587-47-2 | 2.51 | 30.27 pC | | V |
| | BH40510AE | 0 | | GROSS BETA | 12587-47-2 | 5 | 30 pC | | ĮV |
| | BH40511AE | 0 | | GROSS BETA | 12587-47-2 | 4.6 | 45 pC | | V |
| i wi | BH40512AE | 0 | | GROSS BETA | 12587-47-2 | 3.6 | 23 pC | | V |
| | BH40517AE | 5, | | GROSS BETA | 12587-47-2 | 5.2 | 27 pC | i/g | V |
| · | BH40518AE | 0 | | GROSS BETA | 12587-47-2 | 2.02 | 31.42 pC | i/g | V |
| 43693 | BH40519AE | 0 | 4 FT | GROSS BETA | 12587-47-2 | 2 | 22.04 pC | i/g | V |
| 43693 | BH40520AE | 0 | 5 FT | GROSS BETA | 12587-47-2 | 1.99 | 26.58 pC | | V |
| 45793 | BH40557AE | 0 | | | 12587-47-2 | 4.2 | 19 pC | | V |
| | BH40700AE | 1 | | | 12587-47-2 | 1.94486 | 19.39 pC | | V |
| - | BH40702AE | 3 | | | 12587-47-2 | 1.97473 | 25.47 pC | | v |
| | BH40703AE | 5 | | | 12587-47-2 | 2.06029 | 31.07 pC | | V |
| | BH40705AE | 5 | | | 12587-47-2 | 1.97215 | 24.33 pC | | V I |
| | BH40715AE | ol | | GROSS BETA | 12587-47-2 | | | | |
| | | | | | | 2.10201 | 45.96 pC | | V |
| 46693 | BH40717AE | 2 | 4 FT | GROSS BETA | 12587-47-2 | 1.94231 | 35.32 pC | √/g | į V |

472:

| P209489 SEP22898R0307 3 7 FT GROSS BETA 12597-47-2 8 14 pC/g P209589 SEP23898R0410 4 10 FT GROSS BETA 12597-47-2 7 29 pC/g P209589 SEP23898R0410 4 10 FT GROSS BETA 12597-47-2 8 29 pC/g P209589 SEP23898R0410 4 10 FT GROSS BETA 12597-47-2 7 22 pC/g P209589 SEP23898R0003 0 3 FT GROSS BETA 12597-47-2 110 120 pC/g P210189 SEP30898R0003 0 3 FT GROSS BETA 12597-47-2 9 19 pC/g P210189 SEP30898R0003 0 3 FT GROSS BETA 12597-47-2 8 22 pC/g P210289 SEP31898R0003 0 3 FT GROSS BETA 12597-47-2 8 22 pC/g P210289 SEP31898R0003 0 3 FT GROSS BETA 12597-47-2 8 22 pC/g P210289 SEP31898R0003 0 3 FT GROSS BETA 12597-47-2 8 22 pC/g P210289 SEP31898R0003 0 5 FT GROSS BETA 12597-47-2 8 22 pC/g N SP018704DH 4 5 FT GROSS BETA 12597-47-2 32 pC/g N SP018704DH 5 6 FT GROSS BETA 12597-47-2 32 pC/g N SP018705DH 5 6 FT GROSS BETA 12597-47-2 32 pC/g N SP018705DH 2 4 FT GROSS BETA 12597-47-2 32 pC/g N SP038702DH 2 4 FT GROSS BETA 12597-47-2 15 pC/g N SP048702DH 2 4 FT GROSS BETA 12597-47-2 15 pC/g N SP048702DH 2 4 FT GROSS BETA 12597-47-2 15 pC/g N SP048702DH 2 4 FT GROSS BETA 12597-47-2 15 pC/g N SP058703FD 20088703DH 4 6 FT GROSS BETA 12597-47-2 15 pC/g N SP098703FD 30088703DH 4 6 FT GROSS BETA 12597-47-2 15 pC/g N SP098703FD 30088703DC 4 6 FT GROSS BETA 12597-47-2 15 pC/g N SP098703FD 30088703DC 4 6 FT GROSS BETA 12597-47-2 15 pC/g N SP098703DC 3 5 FT GROSS BETA 12597-47-2 29 pC/g N SP098703DC 3 5 FT GROSS BETA 12597-47-2 29 pC/g N SP098703DC 3 5 FT GROSS BETA 12597-47-2 29 pC/g N SP098703DC 3 5 FT GROSS BETA 12597-47-2 29 pC/g N SP098703DC 3 5 FT GROSS BETA 12597-47-2 29 pC/g N SP098703DC 3 5 FT GROSS BETA 12597-47-2 | • | Table A.8 S | olar Evaj | poration l | Ponds A | OC - Analytical Results | for Subsurfa | ce Soils Less T | han 6 Feet - | Radionu | ıclides | |
|--|---------|---------------------------------------|---|--------------------------|---------|--|---------------------------------------|-----------------|---------------------------------|--------------|-----------|---|
| Age SAMPLE MUNES STAPE END CODE Ashley CAS NO LIMIT RESULT UNITS QUALIFIER CALAFFEE CASS BETA 12897472 1.94296 3.00 PC/mg V PC/mg | | 42000 40.2 | # 102557. | ر شد ع | 18.2 | | | | | | | |
| ### | | 1 782 1 3 (3) | | | | | | | DECI II T | 765 | | |
| 49793 BH-0779AE 0 2 FT GROSS BETA 1288 474 2 23354 23 28 DC/g V 49793 BB-07071AE 2 4 FT GROSS BETA 1288 474 2 135051 17 1 19 DC/g V 49793 BB-07073AE 4 6 FT GROSS BETA 1286 474 2 15 DC/g V V 40003 BB-07073AE 4 6 FT GROSS BETA 1286 474 2 15 DC/g V V 40003 BB-07073AE 5 6 FT GROSS BETA 1286 474 2 15 DC/g V V 40003 BB-07073AE 5 DC/g V V 40003 BB-07073AE 5 DC/g V V 40003 BB-07073AE 5 DC/g V V 40003 BB-07073AE 5 DC/g V V 40003 BB-07077AE 5 DC/g V 40003 BB-07077AE 5 DC/g V 40003 BB-07077AE 5 DC/g V 40003 BB-07077AE 5 DC/g V 40003 BB-07077AE 5 DC/g V 40003 BB-07077AE 5 DC/g V 47003 BB-07070AE 5 DC/g V 47003 BB-07070AE 5 DC/g V 47003 BB-07070AE 5 DC/g V 47003 BB-07070AE 5 DC/g V 47003 BB-07070AE 5 DC/g V 47003 BB-07070AE 5 DC/g V 47003 BB-07070AE 5 DC/g D | | | change menores and while | OCCUPATION AND ASSESSED. | | States and the state of the sta | | | Standard with the best property | was desired | COALICIER | makes with male about some of the property of |
| 1996 1997 | | | | | | | | | | | | |
| Mary | | | | | | | | | | | | |
| ### 4893.0 BH-MOTFABE | - | <u> </u> | | | | · | <u> </u> | | | | İ | |
| 149893 8H407964E 5, 7 FT GROSS BETA 1238747-2 2,03398 15,43,67/g V 46993 8H407964E 3 5 FT GROSS BETA 1238747-2 2,03738 22,61,67/g V 46993 8H407964E 3 5 FT GROSS BETA 1238747-2 2,12094 32,08,67/g V 47933 8H407746E 3 5 FT GROSS BETA 1238747-2 2,12094 32,08,67/g V 47933 8H407746E 3 5 FT GROSS BETA 1238747-2 2,12094 32,08,67/g V 47933 8H407746E 3 5 FT GROSS BETA 1238747-2 2,12094 32,08,67/g V 47933 8H407746E 3 5 FT GROSS BETA 1238747-2 2,12094 32,08,67/g V 47933 479 | 46893 | BH40743AE | 0 | 2 | FT | GROSS BETA | 12587-47-2 | 1.9715 | 16.96 | pCi/g | İ | V |
| 48993 8H-0757AE | 46893 | BH40745AE | 2 | | | GROSS BETA | 12587-47-2 | 2.10408 | 16.25 | pCi/g | | V I |
| 18993 BH40759AE 3 | | | | | | | | | | | · | |
| ### | | · | · | | | · | · · · · · · · · · · · · · · · · · · · | | | | 1 | |
| 147993 | · | · | | | | | t | · | | | | |
| 1976 19407748 | | | | ` | | | | | | | i | |
| PA77898 SEP03898R0003 0 3 FT GROSS BETA 12587-47-2 0 119 City | | | | | | ······ | I | | | | ! | |
| PROTESS SEP0389BR00309 | | | | | | <u></u> | | | | | | <u> </u> |
| P208489 SEP18698R0001 | | | | | | | | | | | | |
| P208889 SEP18898R040 | | | | | | | | ****** | | | | |
| P299899 SEP18898R0003 0 3 FT GROSS BETA 12587-47-2 6 24 C/Ig | | | 4 | 10 | FT | `~ ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | / | 8 | | | | |
| P209089 SEP1898BR0309 4 9 FT GROSS BETA 12587-47-2 8 20 Crig | P208989 | SEP1789BR0309 | 3 | 9 | FT | GROSS BETA | 12587-47-2 | 8 | 30 | pCi/g | | |
| Pages SEP19888BR0003 0 3 FT GROSS BETA 1286747-2 8 14 C/g | P209089 | SEP1889BR0003 | 0 | 3 | FT | GROSS BETA | 12587-47-2 | 8 | 22 | pCi/g | l | |
| P209489 SEP22898R0307 3 7 FT CROSS BETA 12597-47-2 8 14 PC/Ug P209589 SEP23898R0410 0 4 FT CROSS BETA 12597-47-2 7 28 PC/Ug P209589 SEP23898R0410 4 10 FT CROSS BETA 12597-47-2 7 22 PC/Ug P209589 SEP23898R0410 4 10 FT CROSS BETA 12597-47-2 7 22 PC/Ug P209589 SEP23898R0003 0 3 FT CROSS BETA 12597-47-2 110 120 PC/Ug P209589 SEP30898R0003 0 3 FT CROSS BETA 12597-47-2 110 120 PC/Ug P209589 SEP30898R0003 0 3 FT CROSS BETA 12597-47-2 8 22 PC/Ug P2095898 SEP31898R0003 0 3 FT CROSS BETA 12597-47-2 8 22 PC/Ug P201289 SEP31898R0003 3 ST CROSS BETA 12597-47-2 8 22 PC/Ug P201289 SEP31898R0003 3 ST CROSS BETA 12597-47-2 8 22 PC/Ug P201289 SEP31898R0003 5 ST CROSS BETA 12597-47-2 8 22 PC/Ug N SP018704DH 4 SIFT CROSS BETA 12597-47-2 32 PC/Ug N SP018704DH 5 GFT CROSS BETA 12597-47-2 30 PC/Ug N SP018704DH 5 GFT CROSS BETA 12597-47-2 30 PC/Ug N SP0287020DH 2 4 FT CROSS BETA 12597-47-2 30 PC/Ug N SP028702DH 2 4 FT CROSS BETA 12597-47-2 30 PC/Ug N SP048702DH 2 4 FT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098702DH 2 4 FT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098702DH 2 4 FT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098703DC 2 3 FT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098703DC 2 4 FT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098703DC 3 SFT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098703DC 3 SFT CROSS BETA 12597-47-2 30 PC/Ug N SP0987 SP098703DC 3 SFT CROSS BETA 12597-47-2 20 PC/Ug N SP0987 SP098703DC 3 SFT CROSS BETA 12597-47-2 20 PC/Ug N SP0987 SP098703DC 3 SFT CROSS BETA 12597-47-2 20 PC/Ug N SP0987 SP098703DC 3 SFT CROSS BETA 12 | | | | £ | | | | | | | i i | |
| Progress SEP2398BR0004 0 4 FT CROSS BETA 12597-47-2 7; 28 pC/lg P209589 SEP2398BR0410 4 10 FT GROSS BETA 12597-47-2 8; 29 pC/lg P209589 SEP2398BR0410 4 10 FT GROSS BETA 12597-47-2 7; 22 pC/lg P209589 SEP2398BR0300 0 3 FT GROSS BETA 12597-47-2 110 20 pC/lg P210189 SEP3098BR0300 0 3 FT GROSS BETA 12597-47-2 9 18 pC/lg P210189 SEP3098BR0300 0 3 FT GROSS BETA 12597-47-2 8; 22 pC/lg P210289 SEP3198BR0300 0 3 FT GROSS BETA 12597-47-2 8; 22 pC/lg P210289 SEP3198BR0300 0 3 FT GROSS BETA 12597-47-2 8; 22 pC/lg P210289 SEP3198BR0300 0 3 FT GROSS BETA 12597-47-2 8; 22 pC/lg P210289 SEP3198BR0300 0 3 FT GROSS BETA 12597-47-2 8; 22 pC/lg N SP0187 SP01870SDH 4 5 FT GROSS BETA 12597-47-2 3 3 pC/lg N SP0187 SP01870SDH 5 6 FT GROSS BETA 12597-47-2 3 3 pC/lg N SP0187 SP01870SDH 5 6 FT GROSS BETA 12597-47-2 3 3 pC/lg N SP0387 SP03870ZDH 2 4 FT GROSS BETA 12597-47-2 27 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP0487 SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N N SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 7 pC/lg N N SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 2 pC/lg N N SP04870ZDH 2 4 FT GROSS BETA 12597-47-2 2 pC/lg N N SP04870 | P209189 | | | | | | | | | | | |
| P209589 SEP2398BR0410 | · | ······· | | | | | | | <u></u> | | | |
| P209889 SEP2889BR00410 4 | | | 0 | | | | | | | |] | · |
| P210189 SEP3089BR0003 0 3 FT GROSS BETA 12597-47-2 110 120 C/G P210189 SEP3089BR0003 3 3 FT GROSS BETA 12597-47-2 9 16 C/G P210289 SEP3169BR0003 0 3 FT GROSS BETA 12597-47-2 8 22 C/G P210289 SEP3169BR0003 3 5 FT GROSS BETA 12597-47-2 8 22 C/G P210289 SEP3169BR0003 3 5 FT GROSS BETA 12597-47-2 8 22 C/G P210289 SEP3169BR0003 3 5 FT GROSS BETA 12597-47-2 8 22 C/G P210289 SEP3169BR0003 3 5 FT GROSS BETA 12597-47-2 8 22 C/G N N SEP317 SEP31705DH 5 6 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 5 6 FT GROSS BETA 12597-47-2 27 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 27 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 17 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 17 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 17 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 17 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 17 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 14 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 21 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 21 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 21 C/G N N SEP317 SEP31705DH 2 4 FT GROSS BETA 12597-47-2 21 C/G N N SEP317 SEP31705DH 2 4 FT | | | 4 | | | | | · | | | | |
| P20168 SEP3068PR3030 3 9FT GROSS BETA 1259747-2 9 16 pCl/g P201269 SEP3168BR0030 0 3FT GROSS BETA 1259747-2 8 22 pCl/g P201269 SEP3168BR0030 0 3FT GROSS BETA 1258747-2 8 22 pCl/g P201269 SEP3168BR0030 0 3FT GROSS BETA 1258747-2 8 22 pCl/g P P201269 SEP3168BR0030 0 10 FT GROSS BETA 1258747-2 23 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 36 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 36 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 36 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 36 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 13 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 13 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 15 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 10 FT GROSS BETA 1258747-2 28 pCl/g N P201270080 0 P201270080 0 P201270080 0 | | <u></u> | 4 | | | | | <u>'</u> | | | <u> </u> | |
| P210289 SEP3169R0003 0 3 FT GROSS BETA 12597-47-2 8 22 pC/g P710299 SEP3169R0003 3 5 FT GROSS BETA 12597-47-2 8 22 pC/g P710299 SEP3169R0006 3 5 FT GROSS BETA 12597-47-2 23 pC/g N SP018704DH 4 5 FT GROSS BETA 12597-47-2 14 pC/g N SP018705DH 5 6 FT GROSS BETA 12597-47-2 14 pC/g N SP02870508 0 10 FT GROSS BETA 12597-47-2 36 pC/g N N SP0387 SP038702DH 2 4 FT GROSS BETA 12597-47-2 27 pC/g N N SP0387 SP038702DH 2 4 FT GROSS BETA 12597-47-2 17 pC/g N N SP0487 SP048702DH 2 4 FT GROSS BETA 12597-47-2 17 pC/g N N SP0487 SP048702DH 4 6 FT GROSS BETA 12597-47-2 17 pC/g N N SP0487 SP048704DH 4 6 FT GROSS BETA 12597-47-2 17 pC/g N N SP0487 SP048704DH 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP058704DDH 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP058704DDH 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP058704DDH 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP058704DDH 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP088703UC 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP088703UC 4 6 FT GROSS BETA 12597-47-2 14 pC/g N N SP0887 SP088703UC 3 5 FT GROSS BETA 12597-47-2 21 pC/g N N SP108705DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT GROSS BETA 12597-47-2 21 pC/g N N SP1087 SP108704DH 2 4 FT | | | | | | | | | | | | |
| P210289 SEP3188BR3966 3 SFT GROSS BETA 12587-47-2 8 22 pC/lg SF0187 SF0187 SF018705DH 4 SFT GROSS BETA 12587-47-2 23 DC/lg N SF0187 SF018705DH 5 GFT GROSS BETA 12587-47-2 14 pC/lg N SF018705DH 5 GFT GROSS BETA 12587-47-2 14 pC/lg N SF0287 SF02870000 0 DFT GROSS BETA 12587-47-2 35 pC/lg N SF0287 SF028702DH 2 4 FT GROSS BETA 12587-47-2 15 pC/lg N SF0287 SF028702DH 2 4 FT GROSS BETA 12587-47-2 17 pC/lg N SF0287 SF028702DH 2 4 FT GROSS BETA 12587-47-2 17 pC/lg N SF0287 SF028702DH 2 3 FT GROSS BETA 12587-47-2 17 pC/lg N SF0287 SF028702DH 2 3 FT GROSS BETA 12587-47-2 13 pC/lg N SF0287 | | <u> </u> | | | | | · | | | | <u> </u> | |
| SP0187 SP018704DH | P210289 | i | | | | | 7 | | | | | |
| SPC287 SPC2870006 | SP0187 | SP018704DH | 4 | 5 | FT | GROSS BETA | 12587-47-2 | | | | | N |
| SP0387 SP038702DH 2 4 FT GROSS BETA 12587-47-2 27 pCig N SP0487 SP048702DH 2 4 FT GROSS BETA 12587-47-2 15 pCig N SP0487 SP048704DH 2 4 FT GROSS BETA 12587-47-2 17 pCig N SP0487 SP048704DH 2 3 FT GROSS BETA 12587-47-2 17 pCig N SP0487 SP048704DH 2 3 FT GROSS BETA 12587-47-2 17 pCig N SP0487 SP048704DH 4 6 FT GROSS BETA 12587-47-2 13 pCig N SP0487 SP048704DH 4 6 FT GROSS BETA 12587-47-2 14 pCig N SP0487703DH 4 6 FT GROSS BETA 12587-47-2 14 pCig N SP0487703DH 2 4 FT GROSS BETA 12587-47-2 14 pCig N SP048703UC 4 6 FT GROSS BETA 12587-47-2 14 pCig N SP048703UC 3 5 FT GROSS BETA 12587-47-2 28 pCig N SP0487 SP048703UC 3 5 FT GROSS BETA 12587-47-2 28 pCig N SP0487 SP048703DH 2 4 FT GROSS BETA 12587-47-2 21 pCig N SP0487 SP048703DH 2 4 FT GROSS BETA 12587-47-2 21 pCig N SP0487 SP10870DH 2 4 FT GROSS BETA 12587-47-2 21 pCig N SP1087 SP10870DH 2 4 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 2 4 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP1087 SP10870DH 5 7 FT GROSS BETA 12587-47-2 20 pCig N SP10870DH SP10870DH SP10870DH SP10870DH SP10870DH SP10870DH SP10 | SP0187 | SP018705DH | 5 | 6 | FT | GROSS BETA | 12587-47-2 | | 14 | pCi/g | | N |
| SP0487 SP048702DH | SP0287 | SP02870008 | | | | GROSS BETA | 12587-47-2 | | 36 | pCi/g | | |
| SP0487 SP048704DH | SP0387 | | | | | | | | | | | |
| SP0587 SP058702DH | | | | · | | | <u> </u> | | | | <u></u> | |
| SP0587 SP058704DH | | | | | | | · | | | | | |
| SP0787 SP078702DH | | | | | | | | | | | | |
| SP0787 SP078702DH | | · | · | | | | | | | | | |
| SP0887 SP088703UC 4 6FT GROSS BETA 12587-47-2 28 pCig N SP0887 SP088703UC 3 5 FT GROSS BETA 12587-47-2 21 pCig N SP1087 SP10870DH 0 2 FT GROSS BETA 12587-47-2 21 pCig N SP10870ZDH 2 4 FT GROSS BETA 12587-47-2 20 pCig N SP10870ZDH 2 4 FT GROSS BETA 12587-47-2 22 pCig N SP10870ZDH 4 5 FT GROSS BETA 12587-47-2 22 pCig N SP10870SDH 5 7 FT GROSS BETA 12587-47-2 22 pCig N SP1387 SP13870GUC 0 2 FT GROSS BETA 12587-47-2 22 pCig N SP1387 SP1387870CT 2 4 FT GROSS BETA 12587-47-2 22 pCig N SP1387 SP1387870BR 4 6 FT GROSS BETA 12587-47-2 2.0581 23 pCig V < | | | | | | | | | | | | |
| SP0987 SP098703UC 3 5 FT GROSS BETA 12587-47-2 21 pCi/g N | | | | | | | <u> </u> | | | | · | |
| SP1087 SP108700DH 0 2 FT GROSS BETA 12587-47-2 21 pCi/g N | | | | | | | <u> </u> | <u> </u> | | | <u> </u> | |
| SP1087 SP108702DH 2 | SP1087 | <u> </u> | | | | | | | | | | |
| SP1087 € SP108705DH 5 7 FT GROSS BETA 12587-47-2 22 pC//g N SP1387 SP138700UC 0 2 FT GROSS BETA 12587-47-2 25 pC//g N SP1387 SP138703BR 4 6 FT GROSS BETA 12587-47-2 23 pC//g N SP1387 SP138703BR 4 6 FT GROSS BETA 12587-47-2 23 pC//g N SP1387 SP38703BR 4 6 FT GROSS BETA 12587-47-2 23 pC//g N 42493 SS40083AE 5 7 IN GROSS BETA 12587-47-2 6.5 29 pC//g V 46593 SS4014AE 10 16 IN GROSS BETA 12587-47-2 2.05961 23 49 pC//g V 41993 BH40052AE 0 6 FT PLUTONIUM-238 13981-16-3 0.01 0.003 pC//g U Z 48195 BH00107EE 0 2 IFT PLUTONIUM-239/240 10-12-8 0.002 0.332 pC//g Z 48295 BH00104PE 0 2 IFT PLUTONIUM-239/240 10-12-8 <td>SP1087</td> <td>\$P108702DH</td> <td>2</td> <td>4</td> <td>FT</td> <td>GROSS BETA</td> <td>12587-47-2</td> <td>·</td> <td></td> <td></td> <td>\</td> <td>N</td> | SP1087 | \$P108702DH | 2 | 4 | FT | GROSS BETA | 12587-47-2 | · | | | \ | N |
| SP1387 SP138700UC | | SP108704BR | 4 | 5 | FT | GROSS BETA | 12587-47-2 | | 26 | pCi/g | | N |
| SP1387 SP138701CT 2 | | · | | | | | | | 22 | pCi/g | | |
| SP1387 SP138703BR | | · | | | | | | | | | <u> </u> | |
| 42493 SS40083AE 5 | | · | | | | | | | | | | |
| 46593 SS401440AE | • | <u> </u> | | | | | | | | | | |
| 46993 SS40144AE | | | | | | | | | | | | |
| Hard | | | | | | | | | | | | |
| BH00101PE | | | | | | | | | | | | |
| 48195 BH00102PE 2 | 48195 | | | | | | | | | | | |
| 48495 8H00103PE | 48195 | | | | | | | | | | | |
| A8295 BH00104PE 0 2 FT PLUTONIUM-239/240 10-12-8 0.004 1.192 PCig Z 48295 BH00105PE 2 4 FT PLUTONIUM-239/240 10-12-8 0.016 0.363 PCi/g Z 2 48295 BH00106PE 4 6 FT PLUTONIUM-239/240 10-12-8 0.03 0.414 PCi/g Z 2 48395 BH00107PE 0 2 FT PLUTONIUM-239/240 10-12-8 0.003 1.747 PCi/g Z 2 48395 BH00108PE 2 4 FT PLUTONIUM-239/240 10-12-8 0.003 0.328 PCi/g Z 2 48395 BH00109PE 4 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.494 PCi/g Z 2 4193 BH40049AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.003 0.494 PCi/g Z 2 4193 BH40062AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g A 43993 BH40070AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g A 4193 BH4096AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.002 0.61 PCi/g B V 41293 BH4096AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.28 PCi/g V 41993 BH40207AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.0002 1.6 PCi/g A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.0002 1.6 PCi/g A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.0004 3 PCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.0004 3 PCi/g V 41793 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.0025259 0.4016 PCi/g A | | | | | | PLUTONIUM-239/240 | | | | | | |
| A8295 BH00105PE 2 4 FT PLUTONIUM-239/240 10-12-8 0.016 0.363 PCi/g Z | 48295 | BH00104PE | 0 | 2 | | PLUTONIUM-239/240 | 10-12-8 | 0.004 | | | | |
| 48395 BH00107PE O 2 FT PLUTONIUM-239/240 10-12-8 0.003 1.747 PCi/g Z 2 48395 BH00108PE 2 4 FT PLUTONIUM-239/240 10-12-8 0.012 0.328 PCi/g Z 2 48395 BH00109PE 4 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.494 PCi/g Z 2 4193 BH40049AE O 6 FT PLUTONIUM-239/240 10-12-8 0.003 0.494 PCi/g Z 2 4193 BH40062AE O 6 FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g A 43893 BH40070AE O 6 FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g B V 41293 BH4096AE O 3 FT PLUTONIUM-239/240 10-12-8 0.002 0.61 PCi/g B V 40993 BH40201AE O 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.28 PCi/g V 41693 BH40217AE O 5 FT PLUTONIUM-239/240 10-12-8 0.002 1.6 PCi/g A 41693 BH40243AE O 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 PCi/g V 41793 BH40243AE O 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 PCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.0037 2.9 PCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00265259 0.4016 PCi/g A | | | | | | | | | | | | Z |
| 48395 BH00108PE 2 4 FT PLUTONIUM-239/240 10-12-8 0.012 0.328 PCi/g Z 2 48395 BH00109PE 4 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.494 PCi/g Z 2 41193 BH40049AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g A 43893 BH40070AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g B V 41293 BH4096AE 0 3 FT PLUTONIUM-239/240 10-12-8 0.002 0.61 PCi/g B V 41293 BH40201AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.28 PCi/g V 41693 BH40201AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.002 1.6 PCi/g A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 PCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 PCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.0037 2.9 PCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 PCi/g A | | ` | | | | | | | | | | |
| 48395 BH00109PE | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| 41193 BH40049AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.014 0.39 PCi/g V V V V V V V V V | | | | | | | | | | | | |
| 41893 BH40062AE 0 6)FT PLUTONIUM-239/240 10-12-8 0.004 0.18 PCi/g A 43893 BH40070AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.002 0.61 PCi/g B V 41293 BH40196AE 0 3 FT PLUTONIUM-239/240 10-12-8 0.003 0.28 PCi/g V 40993 BH40201AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.002 1.6 PCi/g A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 PCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.037 2.9 PCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 PCi/g A | | | | | | | | | | | | |
| 43893 BH40070AE 0 6 FT PLUTONIUM-239/240 10-12-8 0.002 0.61 pCi/g B V 41293 BH40196AE 0 3 FT PLUTONIUM-239/240 10-12-8 0.003 0.28 pCi/g V 40993 BH40201AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.002 1.6 pCi/g A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 pCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.037 2.9 pCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 pCi/g A | | <u> </u> | *************************************** | | | | | | | | | |
| 41293 BH40196AE 0 3 FT PLUTONIUM-239/240 10-12-8 0.003 0.28 pCi/g V 40993 BH40201AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.002 1.6 pCi/g A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 pCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.037 2.9 pCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 pCi/g A 4 4 4 4 4 4 4 4 4 | | <u> </u> | | | | | <u> </u> | | | | | |
| 40993 BH40201AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.002 1.6 pCig A 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 pCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.037 2.9 pCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 pCi/g A | <u></u> | · | | | | | | | | | | |
| 41693 BH40217AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.004 3 pCi/g V 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.037 2.9 pCi/g V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 pCi/g A | 40993 | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| 41793 BH40243AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.037 2.9 PCig V 42293 BH40253AE 1 6 FT PLUTONIUM-239/240 10-12-8 0.00262529 0.4016 PCi/g A | 41693 | · | | | | | | | | | | |
| | 41793 | BH40243AE | | | FT | PLUTONIUM-239/240 | | | | | | |
| 42393 BH40261AE 0 5 FT PLUTONIUM-239/240 10-12-8 0.003 0.75 pCi/g B A | 42293 | <u> </u> | | | | | | | | | | |
| | 42393 | BH40261AE | 0 | 5 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.003 | 0.75 | pCi/g | В | Α |

.

| A | Λ | 6\i⊃q | £8200.0- | 7621010.0 | 10-12-8 | PLUTONIUM-239/240 | FT | S | 7 | BH40745AE | £689 1 |
|-----------|---|-------|--|------------------------|---------|--|-------|------------|----------|--|--------------------|
| A | | pCi/g | 81850.0 | T1067700.0 | 10-12-8 | PLUTONIUM-239/240 | TH | 7 | 0 | 3A64704H8 | £689 1 |
| ۸ | | 6/i⊃d | £3810.0 | 3271010.0 | 10-12-8 | PLUTONIUM-239/240 | L L | | Þ | BH40732AE | £67 9 4 |
| ۸ | | 6/iOq | Z46700.0 | p186Z400.0 | 10-12-8 | PLUTONIUM-239/240 | 13 | Þ | 7 | BH40731AE | £67.34 |
| ۸ | | 6/i⊃d | 6440.0 | 71265900.0 | 10-15-8 | PLUTONIUM-239/240 | 1-1 | 7 | 0 | BH40729AE | £679 2 |
| ۸ | | | £640.0 | 9846310.0 | 10-12-8 | PLUTONIUM-239/240 | 14 | Þ | 7 | BH40717AE | £699t |
| ٨ | | | 907.0 | 0.0222229 | 10-12-8 | PLUTONIUM-239/240 | FT | 2 | 0 | BH40715AE | €699⊅ |
| A | | 6/!Od | Z58900.0 | 8275210.0 | 10-12-8 | PLUTONIUM-239/240 | LT. | 6 | S | BH40705AE | €699\$ |
| ٧ | | 6/!Od | 60540.0 | 0.0222125 | 10-12-8 | PLUTONIUM-239/240 | בו | 7 | S | 3A£0704H8 | £699¢ |
| ۸ | ···· | | 0.02135 | ££688300.0 | 10-12-8 | PLUTONIUM-239/240 | FT | S | ε | 3A20704H8 | £699 |
| A | | 6/!Od | SEZ6.0 | 0.00768824 | 10-12-8 | PLUTONIUM-239/240 | ובו | 3 | L | BH40700AE | £699t |
| A | | bCi/g | 281300.0 | 6140910.0 | 10-12-8 | PLUTONIUM-239/240 | דד | 9 | 0 | BH40520AE | £69Et |
| A | · — — · · · · · · · · · · · · · · · · · | | 0.00204 | 60 1 6810.0 | 10-12-8 | PLUTONIUM-239/240 | ובו | Þ | 0 | 3A61304H8 | 669Et |
| A | | | 9Y89.0 | 58856500.0 | 10-12-8 | PLUTONIUM-239/240 | LT. | 2 | 0 | BH40518AE | £69£t |
| A | | | ≯ 00.0− | 610.0 | 10-12-8 | PLUTONIUM-239/240 | LT | 8 | S | BAT1204H8 | £655 |
| A | | | 600.0 | 200.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40212AE | £6££1 |
| A | | | 100.0 | ₽ 00.0 | 8-21-01 | PLUTONIUM-239/240 | | | 0 | BH40511AE | 86881 |
| A | | | 860.0 | 200.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40210AE | 86881 |
| ۸ | | | 810.0 | p 00.0 | 8-21-01 | ······································ | | ~~~~~~~~~~ | Þ | BH40449AE | 12593 |
| . ^ | | | 100.0- | 900.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH¢0¢¢8VE | 2693 |
| ^ | | | 940.0 | 310.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40447AE | 26921 |
| | | 6/i)d | | 700.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40446AE | |
| | ſ | | 900.0 | 200.0 | 10-12-8 | PLUTONIUM-239/240 | | | 7 | BH40441AE | L |
| | | | 200.0 | E00.0 | 10-12-8 | PLUTONIUM-239/240 | ····· | | 0 | BH40440AE | |
| Λ | | | 500.0 | S00.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40439AE | |
| | | 6/i)d | | 200.0 | 8-21-01 | PLUTONIUM-239/240 | | | 0 | BH40438AE | |
| <u>^</u> | | | 100.0- | 900.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40427AE | |
| A | | | | 300.0 | 8-21-01 | PLUTONIUM-239/240 | | | 0 | BH40426AE | 2193 |
| A | | | 820.0 | \$00.0 | 10-12-8 | PLUTONIUM-239/240 | | | o | BH40456AE | |
| A | | · | | | 10-12-8 | PLUTONIUM-239/240 | | | <i>b</i> | BH40419AE | |
| ^ | ····· | | | 700.0 | · | | | | Z | BH40418AE | |
| ^ | | | 750.0 | 710.0 | 9-21-01 | PLUTONIUM-239/240 | | | 0 | BH40417AE | |
| Λ | | pCi/g | · | 200.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40363AE | |
| A | | | 0.1369 | 10.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | BH40348AE | |
| A | | | 840.0 | 1000 | 10-12-8 | PLUTONIUM-239/240 | | | o | BH40332AE | |
| ^ | | bCi/g | | 900.0 | 8-21-01 | PLUTONIUM-239/240 | | | | | |
| | | | 17210.0 | 84267700.0 | 10-12-8 | PLUTONIUM-239/240 | · | | g | BH40319AE | |
| ^ | | | 7145.0 | E1-35500.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | · · · · · · · · · · · · · · · · · · · | |
| ^ | | PCi/g | A MANAGEMENT AND THE PARTY OF T | 200.0 | 10-12-8 | PLUTONIUM-239/240 | | | 0 | SAMPLE NUMBER | |
| | ABIRITAUD | | | TIMI | | 91VisnA | CODE | | | , | MOITADO. |
| DITADIJAV | 8AJ TJUS∃A | | | DETECTION | | OC - Analytical Results | 100 | HT930 | | All Control of the Co | MOITAGO |

JLh

SP088703UC

HOSO787092

H000/8/04S

HQ40788092

H020782092

HQ4078409R

SP048702DH

H02078E092

SP02870008

HG20781092|

HQ40781092

SEP3189BR0306

SEP3189BR0003

SEP3089BR0309

SEP2689BR0410

2EP2389BR0410

SEP2389BR0004

SEP2289BR0307

SEP1889BR0309

SEP1889BR0003

SEP1789BR0309

SEP1689BR0410

SEP1689BR0004

SEP0389BR0309

SEP0389BR0003

BH40774AE

BH40773AE

BH40771AE

3A66704H8

BA40757AE

BH40746AE

788092

787092

18/045

788092

782092

5P0487

784092

SP0387

582092

18109E

781098

P210289

P210289

P210189

P209889

P209589

P209589

P209489

P209089

P209089

P208989

P208889

P208889

P207589

P207589

47093

£6074

€669⊅

£669±

£6897

10-12-8

10-12-8

8-Z1-01

10-12-8

110-12-8

8-21-01

10-12-8

110-12-8

8-ZL-OL

10-12-8

8-21-01

10-12-8

8-Z1-01

10-12-8

10-12-8

110-12-8

8-21-01

10-12-8

8-Z1-01

8-21-01

8-Z1-01

8-Z1-01

8-21-01

10-12-8

8-ZL-0Li

8-21-011

10-12-8

110-12-8

8-ZL-01

10-12-8

8-21-01

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

PLUTONIUM-239/240

77 S

TT|9

3 FT

11|9

4 EL

TT 4

THOP

TT|9

THIS

5 FT

THE

14|6

10|FT

THOP

TH'P

717

146

3/FT

116

19 PT

TT 4

11|6

3,FT

71FT

FT

17 E

116

3 FT

14/5

10

b

5

Z

0

10

10

3

0

Iε

10

S

E

3

11

19

0.02 pCi/g

0.1 pCi/g

2.2 pCi/g

0.02 pCi/g

0.09 pCi/g

0.01 pCi/g

1.9 pCi/g

0.08 pCi/g

0.13 pCi/g

0.32 pCi/g

0.09 pCi/g

0.05 pCi/g

2.5 pCi/g

0.83 pCi/g

0.02 pCi/g

0.17 pCi/g

0.03 pCi/g

0.16 pCi/g

0.01 pCi/g

1.6 pCi/g

6/10d to

0 pCi/g

6/iOd 0

0.22 pCi/g

0.006537i pCi/g

-0.0012 pCi/g

0.01262 pCi/g

0.003342 pCi/g

0.07994 pCi/g

0.00556 pCi/g

n

n

n

n

n

۸

٨

۸

۸۱

A

0 pCi/g

FO.O

10.0

10.0

10.0

10.0

10.0

20.0

10.0

10.0

0.0202333

9671110.0

11088400.0

6085510.0

26691800.0

81525700.0

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides 500 4 Ble 18 LAB 4 DEPTH DEPTH a. LOGATION - 18 UNIT DETECTION RESULT VALIDATION CODE SAMPLE NUMBER START END CODE CAS NO LIMIT Analyte. QUALIFIER QUALIFIER RESULT UNITS SP0987 SP098703UC PLUTONIUM-239/240 5 FT 10-12-8 0 pCi/g SP1087 10-12-8 SP108700DH 0 2 FT PLUTONIUM-239/240 3.5 pCi/g SP1087 SP108702DH 0.24 pCi/g PLUTONIUM-239/240 10-12-8 SP1087 SP108704BR 4 5 FT PLUTONIUM-239/240 10-12-8 0.13 pCi/g SP1087 SP108705DH 5 7FT PLUTONIUM-239/240 10-12-8 0.06 pCi/g SP1387 SP138700UC 0 PLUTONIUM-239/240 10-12-8 0.05 pCi/g SP1387 ISP138701CT 4 FT PLUTONIUM-239/240 2 110-12-8 0.05 pCi/g SP1387 ISP138703BR 4! 6 FT PLUTONIUM-239/240 10-12-8 -0.06 pCi/g 42493 SS40083AE 5 7(IN PLUTONIUM-239/240 0.041 pCi/g 10-12-8 0.021 A 46593 SS40140AE 8IIN PLUTONIUM-239/240 0.00618721 V 110-12-8 19.78 pCi/g 46993 SS40144AE PLUTONIUM-239/240 10 16 IN 10-12-8 0.00332277 0.2787 pCi/g V 48195 BH00101PE 0 2 FT RADIUM-226 9.28 pCi/g 13982-63-3 48195 BH00102PF 2 4FT RADIUM-226 13982-63-3 O X 2.373 pCi/g 48195 BH00103PE 6|FT 4 RADIUM-226 13982-63-3 O 1.851 pCi/g X $\overline{\mathbf{v}}$ 48295 BH00104PE 0 2FT RADIUM-226 13982-63-3 0 3.833 pCi/g X 48295 BH00105PE 4 FT RADIUM-226 13982-63-3 0 2.214 pCi/g 1X 48295 BH00106PE 6 FT RADIUM-226 4 13982-63-3 0 1.508 pCi/g X 8.66 pCi/g 48395 1BH00107PE 0 2 FT RADIUM-226 13982-63-3 o IX Y 48395 BH00108PE 2 4 FT RADIUM-226 13982-63-3 O) 1.641 pCi/g IX IY 41193 BH40049AE 0 6 FT RADILIM-226 0.7 pCi/g 13982-63-3 0.94 A IU 13982-63-3 43893 BH40070AE 0 6 FT RADIUM-226 0.37 0.93 pCi/q A 41293 BH40196AE 3 FT RADIUM-226 13982-63-3 0.35 0.84 pCi/g IV 40993 BH40201AE 0 5 FT RADIUM-226 13982-63-3 0.34 1.1 pCi/g īv 41693 BH40217AE 0 5 FT RADIUM-226 13982-63-3 0.37 0.82 pCi/g ĪV 41793 BH40243AE ō 5 FT RADIUM-226 13982-63-3 0.48 0.55 pCi/g īv 42393 BH40261AE RADIUM-226 0 5 FT 13982-63-3 0.39 0.94 pCi/g A 43193 BH40306AE 0 SET RADIUM-226 13982-63-3 0.55 0.59 pCi/g 43793 BH40332AE 0 5 FT RADIUM-226 13982-63-3 0.37 0.85 pCi/g IV 44093 BH40348AE 0 6 FT RADIUM-226 13982-63-3 0.3 0.75 pCi/g A 41593 BH40417AF o 2 FT RADIUM-226 13982-63-3 0.45 0.88 pCi/g 41593 BH40418AF 4|FT RADIUM-226 13982-63-3 V 0.49 0.69 pCi/g 41593 BH40419AE 4 6FT RADIUM-226 13982-63-3 0.48 0.59i pCi/g īV 42193 BH40425AE 0 2 FT RADIUM-226 13982-63-3 0.54 1 pCi/g 42193 BH40426AE 0 4!FT RADIUM-226 13982-63-3 0.34 0.73 pCi/g V 42193 BH40427AE 0 5 FT RADIUM-226 13982-63-3 0.4 0.48 pCi/g IV 42493 BH40438AF 2FT ō RADIUM-226 13982-63-3 0.35 1.1 pCi/g 42493 BH40439AF 0 4|FT RADIUM-226 13982-63-3 0.37 0.86; pCi/g īv 42493 BH40440AE 5 FT RADIUM-226 o 13982-63-3 0 44 0.55 pCi/g IV 42493 BH40441AE 8 FT 4 RADIUM-226 13982-63-3 0.43 0.53 pCi/g V 42593 BH40446AE 0 2 FT RADIUM-226 0.93 pCi/g 13982-63-3 0.33 IV 42593 BH40447AE 0 4 FT RADIUM-226 13982-63-3 0.56 pCi/g 0.36 īV 42593 BH40448AE RADIUM-226 0 5 FT 13982-63-3 0.32 0.59 pCi/g V 42593 BH40449AF 4 8 FT RADIUM-226 0.62 pCi/g 13982-63-3 0.28 V 43393 BH40510AE ō 2 FT RADIUM-226 13982-63-3 0.38 0.8 pCi/g IV 43393 BH40511AE ō 4 FT RADIUM-226 13982-63-3 0.47 0.54 pCi/g ĪV 43393 BH40512AE 0 5 FT RADIUM-226 0.58 pCi/g 13982-63-3 0.42 V 43393 BH40517AE 5 8 FT RADIUM-226 13982-63-3 0.36 1.9 pCi/g v 46593 BH40700AE 1 3 FT RADIUM-226 13982-63-3 0.191 1.822 pCi/g 46593 BH40702AE 3 5FT RADIUM-226 13982-63-3 0.379 1 pCi/g X V 46593 BH40703AE RADIUM-226 13982-63-3 1.585 pCi/g 7|FT 0.192 X IV 46593 BH40705AE 5 9FT RADIUM-226 13982-63-3 0.258 1.893 pCi/g V 46693 BH40715AE 0 2FT RADIUM-226 13982-63-3 0 479 5.888 pCi/g X V 46693 BH40717AE 2 RADIUM-226 13982-63-3 1.243 pCi/g 0.319 X IV 46693 BH40718AE 7 FT 5 RADIUM-226 13982-63-3 0.234 2.113 pCi/g IV 46793 BH40729AF 0 2 FT RADIUM-226 13982-63-3 X 0.233 3.072 pCi/g A 46793 BH40731AE 4FT RADIUM-226 13982-63-3 2.069 pCi/g 0.216 IX A 46793 BH40732AE 4 6FT RADIUM-226 13982-63-3 0.198 2.243 pCi/g ĪĀ 46893 RH40743AF 0 2 FT RADIUM-226 13982-63-3 0.187 0.9226 pCi/g X A 46893 BH40745AE RADIUM-226 13982-63-3 0.178 1.07 pCi/g X IA 5 46893 BH40746AF 7FT RADIUM-226 13982-63-3 0.162 0.951 pCi/g X ĬΑ 46993 1BH40757AE 1 3 FT RADIUM-226 13982-63-3 4.538 pCi/g X 0.193 A 46993 BH40759AE 3 RADIUM-226 2.864 pCi/g 5 FT 13982-63-3 0.181 X A 47093 BH40771AE 1 3 FT RADIUM-226 13982-63-3 0.208 1.164 pCi/g X iΑ 47093 BH40773AE 5FT 1.101 pCi/g 3 RADIUM-226 13982-63-3 0.21 A 47093 BH40774AE 5 7FT RADIUM-226 13982-63-3 0.204 1.301 pCi/g X A P207589 SEP0389BR0003 0 3 FT RADIUM-226 13982-63-3 0.1 0.7pCi/g P207589 SEP0389BR0309 9FT 3 RADIUM-226 13982-63-3 0.1 0.9 pCi/g P208889 SEP1689BR0004 0 4IFT RADIUM-226 13982-63-3 1.1 pCi/g P208889 SEP1689BR0410 10 FT RADIUM-226 13982-63-3 0.8 pCi/g

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides LAB · Land of the second LOCATION DEPTH DEPTH UNIT DETECTION VALIDATION RESULT CAS NO RESULT CODE SAMPLE NUMBER START END CODE Analyte LIMIT UNITS QUALIFIER QUALIFIER P208989 SEP1789BR0309 RADIUM-226 9 FT 13982-63-3 1.1 pCi/g P209089 SEP1889BR0003 0 3!FT RADIUM-226 113982-63-3 0.1 0.9 pCi/g SEP1889BR0309 P209089 4 91F1 RADIUM-226 13982-63-3 0.1 0.7 pCi/g SEP1989BR0003 0 P209189 31F1 RADIUM-226 113982-63-3 0.1 0.8 pCi/g 3 0.6 pCi/g P209489 SEP2289BR0307 7|FT RADIUM-226 13982-63-3 0.1 RADIUM-226 P209589 SEP2389BR0004 0 4iF7 13982-63-3 1.1 pCi/g P209589 RADIUM-226 SEP2389BR0410 10|FT 13982-63-3 4 0.9 pCi/g P209889 SFP2689BR0410 10|FT IRADIUM-226 13982-63-3 0.1 1 pCi/g SEP3089BR0003 0 P210189 RADIUM-226 13982-63-3 0.1 1 pCi/g P210189 3 ISEP3089BR0309 9|FT RADIUM-226 113982-63-3 0.1 0.7 pCi/g P210289 ISEP3189BR0003 0 3 FT RADIUM-226 13982-63-3 0.1 0.7 pCi/g P210289 SEP3189BR0306 RADIUM-226 13982-63-3 0.1 0.7 pCi/g 42493 SS40083AE 5 7/IN RADIUM-226 13982-63-3 0.45 1.1 pCi/g IV 46593 SS40140AF 7 SIIN RADIUM-226 13982-63-3 0.351 4.912 pCi/g X īV 46993 SS40144AE 10 RADIUM-226 16 IN 13982-63-3 0.228 4.428 pCi/g X A 48195 BH00101PE 0 2 FT RADIUM-228 1.733 pCi/g 15262-20-1 0 Y IX 48195 BH00102PE 2 4 FT RADIUM-228 15262-20-1 0 0.9866 pCi/g X Ÿ 48195 BH00103PE 6 FT RADIUM-228 15262-20-1 0 1.209 pCi/g IX 48295 |BH00104PE 0 2FT RADIUM-228 15262-20-1 0 1.858 pCi/g X Y BH00105PE 48295 2 4IFT RADIUM-228 15262-20-1 0 1.696 pCi/g X Y 48295 BH00106PE 4 6 FT RADIUM-228 1.351 pCi/g 15262-20-1 0 X 48395 BH00107PE O 2iFT RADIUM-228 15262-20-1 1.649 pCi/g 0 IX 48395 BH00108PE RADIUM-228 4FT 2 15262-20-1 0 1.54 pCi/g ĪŸ X 41193 BH40049AE 0 6FT RADIUM-228 15262-20-1 2.2 pCi/g IU 43893 BH40070AE 0 6|FT RADIUM-228 15262-20-1 1.2 īV 1.8 pCi/g 41293 BH40196AF 3!FT RADIUM-228 0 15262-20-1 1 2.1 pCi/g V 40993 BH40201AE 0 5 FT RADIUM-228 15262-20-1 0.89 1.9 pCi/g ĪV 5 FT 41693 BH40217AE 0 RADIUM-228 15262-20-1 0.81 1.9 pCi/g īv 41793 5 FT BH40243AE 0 RADIUM-228 15262-20-1 0.86 1.5 pCi/g V 42293 BH40253AE 1 6FT RADIUM-228 15262-20-1 0.11 0.9559 pCi/g Α 42393 BH40261AE 0 5 FT RADIUM-228 15262-20-1 īv 1.1 2.4 pCi/g 43193 0 RADIUM-228 BH40306AE 5 FT 15262-20-1 0.94 1.9 pCi/g V 1.195 pCi/g 43493 **iBH40319AE** 0 5!FT RADIUM-228 15262-20-1 0.09 A 43493 BH40322AE 10 FT RADIUM-228 15262-20-1 0.9925 pCi/g 0.07 IA 43793 BH40332AE 0 RADIUM-228 5'FT 115262-20-1 1.3 2.5 pCi/g IV 44093 BH40348AF 0 6 FT RADIUM-228 15262-20-1 0.76 1.7 pCi/g V 43993 BH40353AE 0 5)FT RADIUM-228 15262-20-1 1.226 pCi/g 0.152 IA 42193 BH40425AE 2 FT RADIUM-228 0 15262-20-1 0.78 3 pCi/g ĪV 42193 BH40426AE 0 41F7 RADIUM-228 15262-20-1 0.66 1.7 pCi/g īv 42193 BH40427AE 0 5FT RADIUM-228 15262-20-1 0.61 1.7 pCi/g īV 42493 BH40438AE 2 FT 0 RADIUM-228 15262-20-1 0.6 1.9 pCi/g V 42493 BH40439AE 0 4 FT RADIUM-228 15262-20-1 0.91 1.6 pCi/g 42493 BH40440AE 0 5 FT RADIUM-228 15262-20-1 0.75 2.6 pCi/g īv 42493 BH40441AE 8 FT 4 RADIUM-228 15262-20-1 1.1 2.4 pCi/g V 42593 BH40446AE 0 2 F RADIUM-228 15262-20-1 0.67 2.9; pCi/g 42593 BH40447AE Ol 4 FT RADIUM-228 15262-20-1 0.61 1.6 pCi/g V 42593 BH40448AE 5 FT RADIUM-228 1.9 pCi/g 0 15262-20-1 0.76 IV 42593 BH40449AF 4 8 FT RADIUM-228 15262-20-1 0.74 2.2 pCi/g V 43393 BH40510AE 0 2 FT RADIUM-228 15262-20-1 0.66 2.4 pCi/g īV 4,3393 BH40511AE 0 4FT RADIUM-228 15262-20-1 0.78 2.6 pCi/g ĺ۷ 43393 BH40512AE 0 5 FT RADIUM-228 15262-20-1 0.85 1.7 pCi/g īv 43393 BH40517AE 5 8FT RADIUM-228 15262-20-1 0.89 1.8 pCi/g Īν 43693 BH40518AE 2 FT RADIUM-228 15262-20-1 0 1.496 pCi/g X 0.209 iA 43693 0 BH40519AE 4IFT RADIUM-228 15262-20-1 0.077 1.171 pCi/g IA 43693 BH40520AE 0 5 FT RADIUM-228 1.32 pCi/g 15262-20-1 0.162 X A 1.026 pCi/g 46593 BH40700AE 3 FT RADIUM-228 15262-20-1 0.079 IV X 46593 BH40702AF 3 5 FT RADIUM-228 15262-20-1 0.092 1.422 pCi/g V 46593 BH40703AF 7iFT RADIUM-228 5 15262-20-1 0.097 1.02 pCi/g X IV 46593 BH40705AE 9 FT RADIUM-228 1.03 pCi/g 15262-20-1 0.115 TX īv 46693 0 BH40715AF 2 FT RADIUM-228 15262-20-1 0.112 1.238 pCi/g IV 0.8921 pCi/g 46693 BH40717AE 2 4 FT RADIUM-228 15262-20-1 0.083 X īV 1.247 pCi/g X 46693 BH40718AE 7IFT RADIUM-228 15262-20-1 0.1 IV 46793 BH40729AE 0 2FI RADIUM-228 15262-20-1 0.083 0.8488 pCi/g IX ĪV 46793 BH40731AE 4 FT RADIUM-228 15262-20-1 1.201 pCi/g 2 0.093 IV 46793 BH40732AE RADIUM-228 0.9016 pCi/g X 6FT 15262-20-1 0.09 ĪV 46893 BH40743AE 01 2 FT RADIUM-228 15262-20-1 0.077 0.9391 pCi/g X īv 46893 BH40745AF 2 5 FT RADIUM-228 15262-20-1 0.078 0.9907 pCi/g V X 0.8748 pCi/g 46893 BH40746AE 5 7 FT RADIUM-228 15262-20-1 0.08 X ĪV 46993 BH40757AE 3 FT RADIUM-228 1 15262-20-1 0.086 1.142 pCi/g



Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides LAB 1. 1. 1. DEPTH UNIT DETECTION LOCATION DEPTH RESULT VALIDATION Analyte END. CODE CAS NO UNITS CODE SAMPLE NUMBER START LIMIT RESULT QUALIFIER QUALIFIER BH40759AE 5iFT RADIUM-228 15262-20-1 0.072 1.076 pCi/g 46993 47093 BH40771AF 3IFT RADIUM-228 15262-20-1 0.089 1.016 pCi/g X IV BH40773AE 47093 RADIUM-228 15262-20-1 0.095 0.6438 pCi/g BH40774AE 5 7 FT 15262-20-1 47093 RADIUM-228 0.082 1.43 pCi/g IV P207589 SEP0389BR0003 0 3 FT RADIUM-228 15262-20-1 0.1 1.4 pCi/g P207589 SEP0389BR0309 9 FT RADIUM-228 15262-20-1 0.1 1.3 pCi/g P208889 SEP1689BR0004 O; 4IFT RADIUM-228 15262-20-1 0.4 1.1 pCi/g SEP1689BR0410 10 FT RADIUM-228 P208889 4 115262-20-1 04 1.3 pCi/g P208989 SEP1789BR0309 9IFT RADIUM-228 15262-20-1 0.3 0.9 pCi/g P209089 SEP1889BR0003 o 3IFT RADIUM-228 15262-20-1 0.1 1 pCi/g P209089 SEP1889BR0309 9 FT RADIUM-228 15262-20-1 4 0.1 1 pCi/g P209189 SEP1989BR0003 0 3!FT RADIUM-228 15262-20-1 0.1 1.5 pCi/g P209489 SEP2289BR0307 7/FT RADIUM-228 15262-20-1 0.4 0.9 pCi/a P209589 SEP2389BR0004 0 4 FT RADIUM-228 15262-20-1 0.3 1.5 pCi/g P209589 SEP2389BR0410 10|FT RADIUM-228 15262-20-1 0.3 1.5 pCi/g P209889 10 FT SEP2689BR0410 RADIUM-228 15262-20-1 0.4 1.5 pCi/g P210189 SEP3089BR0003 3|FT RADIUM-228 15262-20-1 0 0.1 1.3 pCi/g P210189 SEP3089BR0309 9FT RADIUM-228 15262-20-1 0.1 1.5 pCi/g P210289 SEP3189BR0003 0 3 FT RADIUM-228 15262-20-1 0.1 1.4 pCi/g P210289 SEP3189BR0306 5 FT RADIUM-228 15262-20-1 3 0.1 1.2 pCi/g 42493 ISS40083AE 5 7iIN RADIUM-228 15262-20-1 0.75 3.9 pCi/g 46593 SS40140AE 8) IN RADIUM-228 15262-20-1 0.101 1.454¦pCi/g 1.113 pCi/g 46993 SS40144AE 10 16|IN RADIUM-228 15262-20-1 0.074 X v 48195 BH00101PE 2 FT STRONTIUM-89 90 0 11-10-9 0.0726 0.04397 pCi/g IU 0.0253 pCi/g 48195 BH00102PE 2 4 FT STRONTIUM-89,90 11-10-9 0.0678 Tΰ ΙY 0.09553 pCi/g 48195 BH00103PE 6 FT STRONTIUM-89,90 11-10-9 0.0632 ĪΥ 48295 2 FT STRONTIUM-89,90 BH00104PE ō 11-10-9 0.0821 0.01577 pCi/g ΙÜ 48295 BH00105PE 2 4FT STRONTIUM-89,90 11-10-9 0.06383 pCi/g 0.898 48295 BH00106PE 6 FT STRONTIUM-89,90 11-10-9 0.961 0.2021 pCi/g Ÿ IU BH00107PE 48395 0 2 FT STRONTIUM-89.90 11-10-9 0.0906 0.08589 pCi/g lu 48395 BH00108PE 2 4!FT STRONTIUM-89,90 11-10-9 0.0802 0.1524 pCi/g 41193 BH40049AE 0 STRONTIUM-89,90 11-10-9 0.22 0.49 pCi/g V IJ IBH40062AE STRONTIUM-89,90 41993 0 6FT 11-10-9 0.3 -0.031 pCi/g lU IV 43893 BH40070AF 0 6FT STRONTIUM-89.90 11-10-9 0.2 0.17 pCi/g ĪV 41293 BH40196AE 0 STRONTIUM-89,90 11-10-9 0.32 0.14 pCi/g U A 40993 BH40201AE 0 5FT STRONTIUM-89,90 111-10-9 0.3 0.32 pCi/g IJ A 41693 0.3 pCi/g BH40217AF 0 5!FT STRONTIUM-89,90 11-10-9 0.27 BJ !A 41793 BH40243AE 0 5 FT STRONTIUM-89,90 11-10-9 0.3 0.33 pCi/g A BJ 0.6828 pCi/g 42293 BH40253AE 6FT STRONTIUM-89.90 0.038385 11 11-10-9 A 42393 BH40261AE 0 5IFT STRONTIUM-89,90 11-10-9 0.36 0.31 pCi/g U A 43193 BH40306AE 0 STRONTIUM-89,90 11-10-9 0.57 0.62 pCi/g IJ 43493 BH40319AE 0 STRONTIUM-89,90 0.0877958 5FT 111-10-9 0.1481 pCi/g J 43493 BH40322AF STRONTIUM-89,90 111-10-9 5 10 FT 0.0437286 0.05734 pCi/g A 43793 BH40332AE 0 5)FT STRONTIUM-89,90 11-10-9 0.48 0.29 pCi/g ŧυ IA 44093 BH40348AF 0 STRONTIUM-89,90 11-10-9 0.34 pCi/g 0.3 A 43993 BH40353AE 0 5IFT STRONTIUM-89.90 11-10-9 0.0469396 0.1368 pCi/g W 41593 BH40417AE 0 2FT STRONTIUM-89,90 11-10-9 0.27 0.25 pCi/g IU STRONTIUM-89,90 41593 BH40418AE 11-10-9 0.3 0.32 pCi/g J IV 41593 BH40419AE 6 FT STRONTIUM-89.90 4 11-10-9 0.27 0.17 pCi/g U W 42193 BH40425AE 0 2 FT STRONTIUM-89,90 11-10-9 0.33 0.21 pCi/g U 4FT 42193 BH40426AE 0 STRONTIUM-89,90 11-10-9 0.34 0.28 pCi/g U īV 42193 1BH40427AE 5FT STRONTIUM-89.90 0 11-10-9 0 27 0.47 pCi/g J IV 42493 BH40438AE 0 2 FT STRONTIUM-89,90 11-10-9 0.33 0.34 pCi/g ĺν J BH40439AE 4 FT STRONTIUM-89,90 42493 0 11-10-9 0.35 0.45 pCi/g J IV BH40440AE 5)FT STRONTIUM-89.90 42493 11-10-9 0 0.26 0.24 pCi/g U ĪV 42493 4 BH40441AE 8!FT STRONTIUM-89.90 11-10-9 0.27 0.27 pCi/g IV 2 FT 42593 BH40446AE 0 STRONTIUM-89,90 11-10-9 0.42 0.74 pCi/g J 42593 BH40447AE 0 4:FT STRONTIUM-89,90 0.26 pCi/g 11-10-9 IV 0.3 lυ 42593 RH40448AF 0 5 FT STRONTIUM-89.90 11-10-9 0.24 0.38 pCi/g īv 8 FT 42593 BH40449AE 4 STRONTIUM-89,90 11-10-9 0.37 0.35 pCi/g U īV 43393 BH40510AE 0 2 FT STRONTIUM-89,90 11-10-9 0.14 pCi/g U 0.31 ١V BH40512AE 43393 01 5 FT STRONTIUM-89.90 11-10-9 0.28 0.19 pCi/g ΙŪ IV 43393 BH40517AF 5 8|FT STRONTIUM-89,90 11-10-9 0.24 0.33 pCi/g J BH40518AE 0.5517 pCi/g 43693 2|F1 STRONTIUM-89,90 11-10-9 0.039938 1V 43693 BH40519AE 0 4 FT STRONTIUM-89.90 11-10-9 0.0382894 0.5343 pCi/g IV 43693 BH40520AE 0 5|FT STRONTIUM-89.90 11-10-9 0.0465568 0.05148 pCi/g V 46593 BH40700AE STRONTIUM-89,90 11-10-9 0.0371925 0.1247 pCi/g IA 0.1313 pCi/g 46593 BH40702AE 5 FT STRONTIUM-89,90 11-10-9 ĪV 0.0418328

477

46593

BH40703AF

11-10-9

0.0461569

0.01622 pCi/g U

STRONTIUM-89,90

7FT

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides 4 M. N. N. W. LAQ VALIDATION DEPTH DEPTH ...UNIT DETECTION RESULT LOCATION END RESULT UNITS QUALIFIER QUALIFIER START CODE CAS NO LIMIT SAMPLE NUMBER Analyte CODE 0.0347 pCi/g STRONTIUM-89.90 11-10-9 0.0453546 U 46593 BH40705AE 9 FT 2 FT STRONTIUM-89,90 11-10-9 0.0679549 0.0786 pCi/g V 46693 BH40715AE 0.0445146 46693 BH40717AE 4 FT STRONTIUM-89,90 11-10-9 0.05828 pCi/g V 2 0.0412629 0.1386 pCi/g ISTRONTIUM-89.90 11-10-9 A 46693 BH40718AE 51 7/FT BH40729AE 2FT STRONTIUM-89,90 11-10-9 0.0433924 0.06192 pCi/g A 467,93 0 0.0408607 BH40731AE 2 4 FT STRONTIUM-89,90 11-10-9 0.4763 pCi/g A 46793 STRONTIUM-89.90 0.0377431 0.7136 pCi/g A 6!FT 11-10-9 46793 BH40732AE 4 STRONTIUM-89,90 BH40743AE Ol 2 FT 11-10-9 0.0396178 0.1741 pCi/g IA 46893 STRONTIUM-89,90 0.0609524 0.64 pCi/g A 46893 BH40745AE 5FT 11-10-9 0.7258 pCi/g 5 7IFT STRONTIUM-89.90 11-10-9 0.063754 A 46893 BH40746AF STRONTIUM-89,90 46993 BH40757AE 3 FT 11-10-9 0.0384514 0.6789 pCi/g A 0.01391 pCi/g 46993 BH40759AE STRONTIUM-89,90 11-10-9 0.0642034 Α 3FT STRONTIUM-89.90 11-10-9 0.0455461 0.1972 pCi/g A 47093 BH40771AF 0.09469 pCi/g 47093 IRH40773AF 3 5 FT STRONTIUM-89.90 11-10-9 0.0384482 Α 0.04243 pCi/g STRONTIUM-89,90 11-10-9 0.0451407 A 47093 BH40774AE SEP1689BR0004 O 4 FT STRONTIUM-89.90 11-10-9 -0.4 pCi/g P208889 -0.3 pCi/g P208889 SEP1689BR0410 10) FT STRONTIUM-89.90 11-10-9 0 pCi/g P208989 STRONTIUM-89,90 11-10-9 ISEP1789BR0309 9 FT P209589 SEP2389BR0004 4|FT STRONTIUM-89.90 11-10-9 -0.2ipCi/g 0 STRONTIUM-89 90 -0.2 pCi/g P209589 SEP2389BR0410 10 FT 11-10-9 SP0187 ISP018704DH 5 FT STRONTIUM-89,90 11-10-9 -0.1 pCi/g SP0187 SP018705DH 6!FT STRONTIUM-89,90 11-10-9 -0.3 pCi/g STRONTILIM-89 90 11-10-9 0.2 pCi/g SP02870008 10 FT SP0287 2 SP0387 SP038702DH 4 FT STRONTIUM-89,90 11-10-9 0 pCi/g SP0487 ISP048702DH 4 FT STRONTIUM-89.90 11-10-9 0.2 pCi/g STRONTIUM-89,90 0.2 pCi/g 6 FT 11-10-9 ISP048704DH SP0487 0 pCi/g SP0587 SP058702DH 3 FT STRONTIUM-89.90 11-10-9 STRONTIUM-89.90 -0.2 pCi/g SP0587 SP058704DH 6 FT 11-10-9 STRONTIUM-89.90 11-10-9 0.2 pCi/g SP078700DH 2 FT SP0787 0 SP0787 SP078702DH 4 FT STRONTIUM-89.90 11-10-9 0 pCi/g SP0887 STRONTIUM-89,90 0.4 pCi/g SP088703UC 6 FT 11-10-9 STRONTIUM-89.90 11-10-9 -0.1 pCi/q ISP098703UC SP0987 5 FT SP1087 ISP108700DH 0 2FT STRONTIUM-89,90 11-10-9 -0.6 pCi/g 4 FT STRONTIUM-89,90 0.2 pCi/g SP1087 SP108702DH 11-10-9 SP1087 SP108704BR 5FT STRONTIUM-89.90 11-10-9 -0.3 pCi/a SP1087 SP108705DH 7 FT STRONTIUM-89.90 11-10-9 0.1 pCi/g 0 pCi/g SP1387 ISP138700UC 0 2FT STRONTIUM-89,90 11-10-9 SP1387 SP138701CT STRONTIUM-89,90 11-10-9 0.5|pCi/g 4IFT 2 -0.4 pCi/g SP1387 ISP138703BR FIFT ISTRONTIUM-89,90 11-10-9 -0.01 pCi/g 42493 SS40083AE 5 7|IN STRONTIUM-89,90 11-10-9 0.36 ĪŪ lΑ 46593 SS40140AE 8 IN STRONTIUM-89,90 11-10-9 0.0393152 0.1084 pCi/g 0.5265 pCi/g STRONTIUM-89.90 11-10-9 0.0517119 A 46993 SS40144AE 10 16!IN -0.1 pCi/g P207589 SEP0389BR0003 3 FT STRONTIUM-90 10098-97-2 0.9 U ō ISEP0389BR0309 9FT STRONTIUM-90 10098-97-2 -0.5 pCi/g P207589 3 1.4 IU 3 FT -0.2 pCi/g 0 STRONTIUM-90 10098-97-2 0.7 P209089 SEP1889BR0003 lU. P209089 SEP1889BR0309 4 9¦FT STRONTIUM-90 10098-97-2 1.2 -0.2 pCi/g TU P209189 SEP1989BR0003 0 3 FT STRONTIUM-90 10098-97-2 1.3 -0.3 pCi/g U 0.5 pCi/g 7/FT STRONTIUM-90 10098-97-2 Ш P209489 SEP2289BR0307 3 12 P209889 SEP2689BR0410 4 10 FT STRONTIUM-90 10098-97-2 1.3 -0.3 pCi/g U STRONTIUM-90 0 pCi/g P210189 SEP3089BR0003 10098-97-2 īU 2.6 pCi/g P210189 ISEP3089BR0309 3 9FT STRONTIUM-90 10098-97-2 0.9 P210289 SEP3189BR0003 0 3 FT (STRONTIUM-90 10098-97-2 0 9 -0.2 pCi/g lu 0.2 pCi/g 5 FT STRONTIUM-90 10098-97-2 P210289 SEP3189BR0306 3 0.7 U SP0187 SP018704DH 41 5 FT TRITIUM 10028-17-8 0.64 pCi/g < 0.64 pCi/g SP0187 ISP018705DH 5 6 FT TRITIUM 10028-17-8 < IN SP02870008 TRITIUM 10028-17-8 0.64 pCi/g N SP9287 10)FT SR0487 SP048702DH 4FT TRITIUM 10028-17-8 0.61 pCi/g N 1.3 pCi/g 4 N SP0487 SP048704DH 6 FT !TRITILIM 10028-17-8 SP0587 SP058702DH TRITIUM 10028-17-8 0.64 pCi/g N 3IFT SP0587 SP058704DH 6 FT TRITIUM 10028-17-8 0.63 pCi/g < IN 4 0.66 pCi/g | < 2 FT TRITILIM N SP0787 SP078700DH 0 10028-17-8 SP0787 SP078702DH 4 FT TRITIUM 10028-17-8 0.66 pCi/g N SP0887 SP088703UC 6IFT TRITIUM 10028-17-8 3 pCi/g IN SP0987 SP098703UC 5 FT TRITILIM 10028-17-8 0.86 pCi/g IN 3 SP1087 SP108700DH 0 2FT TRITIUM 110028-17-8 0.62 pCi/g N SP1087 SP108702DH 4IFT TRITIUM 10028-17-8 0.61 pCi/g 1< N SP1087 TRITIUM 10028-17-8 0.61 pCi/g |< N SP108704BR 4 5|FT ISP108705DH 7 FT N SP1087 TRITIUM 10028-17-8 0.63 pCi/g 2FT TRITIUM 10028-17-8 0.58 pCi/g N SP1387 SP138700UC

Table A8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides NI AR (1)李、 DETECTION RESULT VALIDATION DEPTH DEPTH UNIT LOCATION LIMIT . START RESULT UNITS QUALIFIER QUALIFIER. SAMPLE NUMBER END CODE CAS NO CODE Analyte 0.58 pCi/g SP138701CT TRITIUM 10028-17-8 SP1387 10028-17-8 0.58 pCi/g < IN SP1387 SP138703BR 6FT TRITIUM URANIUM-233,-234 11-08-5 0.005 10.353 pCi/g 48195 BH00101PE 0 2 FT Z 0.011 3.938 pCi/g BH00102PE 4 FT URANIUM-233,-234 11-08-5 48195 2 URANIUM-233,-234 11-08-5 48195 BH00103PE 6FT 0.005 1.755 pCi/g Z URANIUM-233,-234 11-08-5 0.007 3.015 pCi/g IBH00104PE 0 2 FT 48295 0.008 3.111 pCi/g Z 48295 IBH00105PE 2 4 FT URANIUM-233,-234 11-08-5 6.098 pCi/g 6 FT URANIUM-233,-234 11-08-5 0.014 Z 48295 BH00106PE 14.371 pCi/g 48395 IBH00107PE ñ 2FT URANIUM-233,-234 11-08-5 0.005 URANIUM-233.-234 11-08-5 0.005 1.915 pCi/g Z 4IFT 48395 IBH00108PE 2 Z BH00109PE 4 5IFT URANIUM-233,-234 11-08-5 0.013 2.232 pCi/g 48395 URANIUM-234 0.012 0.673 pCi/g A 05093 BH00061AE 0 6 FT 11-08-5 BH00066AE Ol 5 FT URANIUM-234 11-08-5 0.024 0.679 pCi/g A 05193 0.844 pCi/g 05393 IBH00076AE 0 5 FT URANIUM-234 111-08-5 0.03 IA URANIUM-234 0.02 0.438 pCi/g A 44593 BH40001AE 0 6FT 111-08-5 0 0.027 0.518 pCi/g A BH40030AE 7IFT URANIUM-234 11-08-5 40893 0.67 pCi/g B V 44393 BH40033AE 0 5 FT **URANIUM-234** 11-08-5 0.026 41193 BH40049AE 6F URANIUM-234 111-08-5 0.025 0.75 pCi/g B IV 0 URANIUM-234 11-08-5 0.09 1 pCi/g IV 6IFT BH40062AE 41993 0.91 pCi/g 0.061 В V 43893 BH40070AE 0 6IFT LIRANILIM-234 11-08-5 1.8 pCi/g 40293 BH40118AE 0 3FT **URANIUM-234** 11-08-5 0.018 В A 0 5 FT URANIUM-234 11-08-5 0.059 1.6 pCi/g В ĪV BH40123AE 40393 1.8 pCi/g 0.022 URANIUM-234 11-08-5 42993 1BH40141AE 1 6IFT A 40793 BH40157AE 0 5 FT **URANIUM-234** 11-08-5 0.012 1.3 pCi/g В A 1.15 pCi/g A IBH40188AE 0 5 FT **URANIUM-234** 11-08-5 0.025 44893 1.3 pCi/g 11-08-5 0.031 URANIUM-234 IB IA BH40196AF 3IFT 41293 O, 40993 BH40201AE 0 5 FT **URANIUM-234** 11-08-5 0.034 2.7 pCi/g iΒ IA 5 FT 0.011 9.3 pCi/g В A 41693 BH40217AE URANIUM-234 111-08-5 **URANIUM-234** 0.049 1.9 pCi/g BH40243AF 0 5 FT 111-08-5 B IA 41793 42293 BH40253AE 6FT URANIUM-234 11-08-5 0.125561 0.8929 pCi/g IA 5|FT URANIUM-234 11-08-5 0.013 1.6 pCi/g A 42393 BH40261AE URANIUM-234 11-08-5 0.014 1 pCi/g В A 5 FT 43193 BH40306AE 0 0.9911 pCi/g 0.0595073 43493 BH40319AE 0 5FT URANIUM-234 111-08-5 İΑ 0.9099 pCi/g 10 FT URANIUM-234 11-08-5 0.0664219 IA 43493 BH40322AE URANIUM-234 11-08-5 0.02 17 pCi/g В A 43793 BH40332AF 0 5 FT 0.78 pCi/g A 44093 BH40348AE 0 6 FT URANIUM-234 111-08-5 0.05 1.074 pCi/g 0 5|FT **URANIUM-234** 11-08-5 0.0466016 W 43993 BH40353AE 45693 BH40374AE 6FT URANIUM-234 11-08-5 0.015 1.4 pCi/g B ĪV 0 0.9945 pCi/g 45893 0 5 FT IURANIUM-234 111-08-5 0.0305114 İΑ BH40377AE 46193 BH40385AE 6FT URANIUM-234 11-08-5 0.018 0.87 pCi/g B IV 0 40793 BH40413AE 0 5 F T **URANIUM-234** 11-08-5 0.012 1.5 pCi/g В Α 15 pCi/g 41593 BH40417AE O: 2 FT URANIUM-234 11-08-5 0.021 B IA 41593 BH40418AE 2 4FT URANIUM-234 11-08-5 0.038 12 pCi/g В IA 0.023 8.5 pCi/g ļВ A 41593 BH40419AE 6)FT **URANIUM-234** 11-08-5 0 2 FT **URANIUM-234** 11-08-5 0.024 21 pCi/g 1B 42193 BH40425AE 1.7 pCi/g 42193 BH40426AE 0 4!FT URANIUM-234 11-08-5 0.016 B IV 1.1 pCi/g **URANIUM-234** 11-08-5 0.051 42193 BH40427AE 0 5|F] 8 IV 3.8 pCi/g 42493 Oi 2 FT URANIUM-234 11-08-5 0.019 B A BH40438AF 0.91 pCi/g 42493 BH40439AE 0 4FT **URANIUM-234** 111-08-5 0.063 A 0.97 pCi/g URANIUM-234 11-08-5 0.021 В A 42493 BH40440AE 5|F1 42493 BH40441AE 4 8|FT URANIUM-234 11-08-5 0.018 0.84 pCi/g B A 11 pCi/g 42593 BH40446AE 0 2 FT URANIUM-234 111-08-5 0.033 IA BH40447AE URANIUM-234 11-08-5 0.038 1 pCi/g A 42593 ō 41F1 BH40448AE 0 5 FT URANIUM-234 11-08-5 0.021 1.5 pCi/g IB A 42593 1.2 pCi/g IB URANIUM-234 11-08-5 0.021 Α 42593 RH40449AF 4 RIFT 42093 BH40483AE ō 5 F URANIUM-234 11-08-5 0.057 1.538 pCi/g IA 43393 BH40510AE 0 2FT URANIUM-234 11-08-5 0.036 4.9 pCi/g В īv 2.2 pCi/g 0.08 V 4!FT URANIUM-234 11-08-5 IB 43393 BH40511AE 0 4 pCi/g 43393 BH40512AE 0 5|F1 URANIUM-234 11-08-5 0.01 B IV 2.5 pCi/g 0.022 B īV 43393 BH40517AE 5 8FT URANIUM-234 11-08-5 URANIUM-234 11-08-5 0.020056 5.115 pCi/g A IBH40518AE 0 43693 2|FT 3.903 pCi/g 43693 BH40519AE 0 4 FT URANIUM-234 111-08-5 0.0176228 A 0 5 FT URANIUM-234 11-08-5 0.0216164 3.404 pCi/g IA 43693 BH40520AE BH40557AE 4 FT URANIUM-234 11-08-5 0.011 0.59 pCi/g lB IA 45793 0 2.208 pCi/g 46593 BH40700AE 1 3 FT **URANIUM-234** 111-08-5 0.0922067 IA 46593 BH40702AE 5 FT URANIUM-234 11-08-5 0.0592196 0.5662 pCi/g iV 3 46593 BH40703AE 5 URANIUM-234 11-08-5 0.0799851 2.343 pCi/g 1.596 pCi/g 5 9 FT A URANIUM-234 11-08-5 0.072843 46593 BH40705AF

419

IBH40715AE

46693

0

2FT

URANIUM-234

11-08-5

0.116943

14.54 pCi/g

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides LAB DEPTH DEPTH UNIT VALIDATION LOCATION DETECTION RESULT LIMIT RESULT UNITS QUALIFIER QUALIFIER CAS NO CODE SAMPLE NUMBER | START | END CODE Analyte BH40717AE URANIUM-234 11-08-5 0.073596 1.472 pCi/g 46693 BH40718AE 5 7 FT URANIUM-234 11-08-5 0.0921741 2.57 pCi/g 4.933 pCi/g V 0 URANIUM-234 11-08-5 0.114282 46793 IBH40729AE 2 FT 46793 BH40731AE 2 4 F URANIUM-234 11-08-5 0.137706 1.154 pCi/g A 46793 BH40732AE 4 6 FT URANIUM-234 11-08-5 0.0904282 1.433 pCi/g A 1.026 pCi/g V URANIUM-234 0.0867504 46893 BH40743AE 0 2IFT 11-08-5 46893 BH40745AE 2 5'FT **URANIUM-234** 11-08-5 0.101194 0.8734 pCi/g ΙV V 46893 BH40746AE 5 7) FT URANIUM-234 11-08-5 0.0863036 0.8201 pCi/g 13.99 pCi/g BH40757AE 0.0724047 V 3 FT URANIUM-234 11-08-5 46993 1 46993 BH40759AE 3 5 FT **URANIUM-234** 11-08-5 0.084057 6.053 pCi/g IV 0.6156 pCi/g 3 FT **URANIUM-234** 0.115748 Α 47093 BH40771AE 1 111-08-5 BH40773AE 5 FT URANIUM-234 0.123584 0.3624 pCi/g A 47093 3 11-08-5 47093 BH40774AE 5 7 FT **URANIUM-234** 11-08-5 0.126215 1.515 pCi/g İΑ P207589 SEP0389BR0003 0 3 FT URANIUM-234 11-08-5 0.7 pCi/g 0.1 P207589 SEP0389BR0309 9 FT URANIUM-234 11-08-5 0.1 0.8 pCi/g 3 P208889 0 SEP1689BR0004 4 FT URANIUM-234 11-08-5 0.1 1.2 pCi/g P208889 SEP1689BR0410 10 FT URANIUM-234 11-08-5 0.1 0.7 pCi/g 4 P208989 SEP1789BR0309 URANIUM-234 11-08-5 0.1 0.8 pCi/g 3 9 FT P209089 SEP1889BR0003 0 3 FT URANIUM-234 11-08-5 0.1 0 pCi/g 9 FT P209089 SEP1889BR0309 4 **URANIUM-234** 111-08-5 0.1 0.5 pCi/g P209189 SEP1989BR0003 URANIUM-234 0.1 0 3 FT 11-08-5 1.9 pCi/q P209489 SEP2289BR0307 3 7 FT URANIUM-234 11-08-5 0.1 0.6 pCi/g 4|FT 1 pCi/g SEP2389BR0004 11-08-5 P209589 0 URANIUM-234 0.1 P209589 SEP2389BR0410 URANIUM-234 11-08-5 0.1 1.4 pCi/g 10 FT 4 P209889 SEP2689BR0410 4 10 FT URANIUM-234 11-08-5 0.1 0.9 pCi/g P210189 SEP3089BR0003 0 3 FT **URANIUM-234** 11-08-5 0.1 1.6 pCi/g P210189 SEP3089BR0309 9 F1 **URANIUM-234** 11-08-5 0.1 7.1 pCi/g P210289 0 SEP3189BR0003 3 FT URANIUM-234 11-08-5 0.1 1.3 pCi/g P210289 SEP3189BR0306 3 5 FT **URANIUM-234** 11-08-5 0.1 0.8 pCi/g SP0187 SP018704DH 5 FT **URANIUM-234** 11-08-5 1.7 pCi/g N SP0187 5 6FT 2 pCi/g N SP018705DH URANIUM-234 11-08-5 SP0287 SP02870008 0 10 FT URANIUM-234 11-08-5 1.5 pCi/g N SP0387 SP038702DH 2 4 FT **URANIUM-234** 11-08-5 1.3 pCi/g N N SP0487 4!FT URANIUM-234 SP048702DH 2 11-08-5 1.6 pCi/g SP0487 SP048704DH 4 6¦FT **URANIUM-234** 11-08-5 1.1 pCi/g N SPQ587 SP058702DH 2 3 FT URANIUM-234 11-08-5 0.75 pCi/g N SP0587 SP058704DH 6|FT URANIUM-234 0.76 pCi/g N 4 11-08-5 SP0787 SP078700DH 0 2 FT **URANIUM-234** 11-08-5 0.97 pCi/g N SP.0787 SP078702DH 4|FT URANIUM-234 11-08-5 0.6 pCi/g N SP0887 SP088703UC 4 6FT URANIUM-234 1.1 pCi/g 111-08-5 N SP0987 SP098703UC 5 FT **URANIUM-234** 11-08-5 0.45 pCi/g N 3 SP1087 URANIUM-234 SP108700DH 0 2 F1 11-08-5 1.4 pCi/g N SP1087 SP108702DH URANIUM-234 3.7 pCi/g 2 4 FT 11-08-5 IN SP1087 4 SP108704BR 5|FT **URANIUM-234** 11-08-5 1.6 pCi/g Z SP1087 SP108705DH 5 **URANIUM-234** 11-08-5 1 pCi/g N SP1387 URANIUM-234 0.77 pCi/g SP138700UC 0 2FT 11-08-5 IN SP1387 SP138701CT 2 4IFT **URANIUM-234** 11-08-5 0.66 pCi/g N SP4387 SP138703BR 6|FT **URANIUM-234** 11-08-5 1.3 pCi/g N 5 URANIUM-234 0.005 1.2 pCi/g 42493 SS40083AE 7 IN 11-08-5 A 46593 SS40140AE 7 8IN **URANIUM-234** 11-08-5 0.0977423 14.17 pCi/g V 46993 SS40144AE 10 16 IN **URANIUM-234** 11-08-5 0.100228 11.78 pCi/g 05093 URANIUM-235 0.0279 pCi/g BH00061AE 15117-96-1 A 0 6 FT 0.015 05193 BH00066AE 0 5 FT **URANIUM-235** 115117-96-1 0.014 0.0622 pCi/g A 05393 BH00076AE 0 5 FT **URANIUM-235** 15117-96-1 0.031 0.0688 pCi/g A BH00101PE 0.005 0.387 pCi/g Z 48105 0 2 FT **URANIUM-235** 15117-96-1 48195 BH00102PE 2 4 FT **URANIUM-235** 15117-96-1 0.004 0.157 pCi/g Z 481,95 BH00103PE **URANIUM-235** 15117-96-1 0.005 0.056 pCi/g 48295 BH00104PE 2 FT URANIUM-235 15117-96-1 0.114 pCi/g ΙZ 0 0.007 4 FT 48295 BH00105PE 2 URANIUM-235 15117-96-1 0.022 0.1 pCi/g 1Z 48295 BH00106PE 6 FT **URANIUM-235** 15117-96-1 0.005 0.195 pCi/g 48395 BH00107PE 0 2FT URANIUM-235 15117-96-1 0.005 0.461 pCi/g Z 48395 4 FT URANIUM-235 BH00108PF 2 115117-96-1 0.005 0.072 pCi/g Z 48395 BH00109PE 4 5 FT URANIUM-235 15117-96-1 0.013 0.083 pCi/g Z 44593 BH40001AE 0 6FT **URANIUM-235** 15117-96-1 0.0194 pCi/g Α 0 40893 0.019 7(FT BH40030AF URANIUM-235 15117-96-1 0.0091 pCi/g | U 0 A 44393 BH40033AE 0 5 FT **URANIUM-235** 15117-96-1 0.026 0.053 pCi/g īV o 41193 BH40049AE 6 FT **URANIUM-235** 15117-96-1 0.025 0.09 pCi/g J IV

480

41993

43893

BH40062AF

BH40070AE

15117-96-1

15117-96-1

0.09

0.023

0.12 pCi/g |J

0.028 pCi/g

ĪV

6 FT

6 FT

0

0

URANIUM-235

URANIUM-235

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides IAR LOCATION DEPTH DEPTH UNIT DETECTION RESULT VALIDATION Analyte END RESULT UNITS QUALIFIER CODE SAMPLE NUMBER START CODE CAS NO LIMIT QUALIFIER URANIUM-235 0.063 pCi/g J 0.031 40293 BH40118AF 15117-96-1 40393 BH40123AE 0; 5 FT URANIUM-235 15117-96-1 0.038 0.023 pCi/g īŪ 117 42993 BH40141AE 1 6 FT URANIUM-235 15117-96-1 0.0954 pCi/g 15117-96-1 0.005 0.065 pCi/g BJ URANIUM-235 40793 BH40157AF 0 5 FT IA 44893 BH40188AE 0 5 FT URANIUM-235 115117-96-1 0.025 0 pCi/g |U ĪΑ 41293 BH40196AE ō 3 FT **URANIUM-235** 15117-96-1 0.049 0.038 pCi/g ΙŪ A 0.035 pCi/g 0.057 ΤŪ A 40993 BH40201AE 0 5 FT URANIUM-235 15117-96-1 41693 BH40217AE 0 5|FT URANIUM-235 15117-96-1 0.011 0.39 pCi/g IA 41793 BH40243AE 0 **URANIUM-235** 15117-96-1 0.029 0.069 pCi/g IA 0.0971568 6 FT 15117-96-1 0.02003 pCi/g 42293 BH40253AF 1 IURANIUM-235 IA 42393 BH40261AF 0 5IFT URANIUM-235 15117-96-1 0.022 0.044 pCi/g IJ A 43193 BH40306AE 0 5 FT **URANIUM-235** 15117-96-1 0.014 0.097 pCi/g IA ٦J 0.06285 pCi/g 0 SIFT URANIUM-235 15117-96-1 0.0638043 43493 BH40319AF Ш Α 5 43493 BH40322AE 10 FT **URANIUM-235** 15117-96-1 0.053318 0.06335 pCi/g A BH40332AE 43793 ō 5|FT URANIUM-235 15117-96-1 0.012 0.54 pCi/g ĺΑ 44093 BH40348AF 0 6FT URANIUM-235 15117-96-1 0.014 0.017 pCi/g BJ IA 0 43993 BH40353AE 5 FT **URANIUM-235** 15117-96-1 0.0530821 0.03066 pCi/g U IV BH40374AE 45693 ō 6IF URANIUM-235 15117-96-1 0.015 0.11 pCi/g BJ IV 0.02933 pCi/g 45893 IRH40377AF C 5 FT IURANIUM-235 15117-96-1 0.0262611 IA ō 46193 BH40385AE 6FT URANIUM-235 15117-96-1 0.031 0.062 pCi/g Ti IV 40793 BH40413AF O **URANIUM-235** 15117-96-1 0.005 0.068 pCi/g IBJ 0 0.59 pCi/g 41593 BH40417AE 2 FT URANIUM-235 15117-96-1 0.013 B ĪĀ 41593 BH40418AE 2 4IFT URANIUM-235 15117-96-1 0.012 0.3 pCi/g B Α 41593 BH40419AE 6FT URANIUM-235 15117-96-1 0.014 0.27 pCi/g BJ A 0 42193 BH40425AE 2 FT URANIUM-235 15117-96-1 0.014 0.87 pCi/g B IV 0.14 pCi/g BJ 42193 BH40426AE 0 4FT URANIUM-235 15117-96-1 0.016 42193 BH40427AE 0 5FT URANIUM-235 15117-96-1 0.03 0.18 pCi/g IJ 42493 IBH40438AE 2 FT URANIUM-235 115117-96-1 0.032 0 0.29 pCi/g IJ IA 42493 IBH40439AE 0 4FT URANIUM-235 15117-96-1 0.024 0.14 pCi/g J A 42493 BH40440AE 0 5 FT URANIUM-235 15117-96-1 0.064 0.11 pCi/g IJ A BH40441AE 4 0.086 pCi/g 42493 8 FT URANIUM-235 15117-96-1 0.018 IA IJ 0.26 pCi/g 42593 RH40446AF 0 2 FT URANIUM-235 15117-96-1 0.019 J Α 42593 BH40447AE 0 4|FT URANIUM-235 15117-96-1 0.012 0.044 pCi/g A IJ 0.075 pCi/g 42593 BH40448AF 0 5 FT **IURANIUM-235** 15117-96-1 0.013 A LI 42593 IBH40449AE 4 8FT URANIUM-235 15117-96-1 0.033 0.07 pCi/g A IJ 42093 BH40483AE 0 5|F1 URANIUM-235 115117-96-1 0.044 0.06142 pCi/g A BH40510AF 0 2 FT URANIUM-235 15117-96-1 43393 0.012 0.086 pCi/g IB.I ĺ۷ 15117-96-1 0.085 pCi/g 43393 BH40511AF Ó 4 FT URANIUM-235 0.049 W IJ 0.14 pCi/g 43393 BH40512AE 0 5|FT **URANIUM-235** 15117-96-1 0.018 BJ 5 43393 BH40517AF 8 FT URANIUM-235 15117-96-1 0.13 pCi/g īv 0.013 BJ 15117-96-1 43693 BH40518AF 0 2 FT **URANIUM-235** 0.0213394 0.1651 pCi/g A 43693 BH40519AE 0 4FT URANIUM-235 15117-96-1 0.0130661 0.1128 pCi/g A 0 43693 BH40520AF 5 FT :URANIUM-235 15117-96-1 0.0203163 0.0767 pCi/g A 15117-96-1 0.025 pCi/g 45793 BH40557AE 0 4IFT **URANIUM-235** 0.019 ĪΑ 46593 BH40700AE 1 3 FT URANIUM-235 15117-96-1 0.0695671 0.07424 pCi/g IA 46593 BH40702AF 3 5FT URANIUM-235 15117-96-1 0.0475366 0.05648 pCi/g V 5 46593 BH40703AE 7/FT **URANIUM-235** 15117-96-1 0.0762345 0.04403 pCi/g ĪŪ IA 46593 BH40705AE 5 9.F1 URANIUM-235 15117-96-1 0.0687751 0.02763 pCi/g U A 0.4156 pCi/g 46693 BH40715AE 0 2/FT LIRANIUM-235 15117-96-1 0.0822573 IV 46693 BH40717AE 2 4:FT URANIUM-235 15117-96-1 0.0635343 0.04003 pCi/g TU IV BH40718AE 5 46693 7|FT **URANIUM-235** 15117-96-1 0.0795725 0.1591 pCi/g IΑ 0 46793 BH40729AE 2IFT URANIUM-235 15117-96-1 0.103045 0.3064 pCi/g ĪV 46793 BH40731AE 2 4|FT URANIUM-235 15117-96-1 0.118879 0.07489 pCi/g A 46793 BH40732AE 4 6 FT **URANIUM-235** 15117-96-1 0.0797018 0.02886 pCi/g Īΰ A O 46893 BH40743AF 2 FT URANIUM-235 15117-96-1 0.0780652 0.03136 pCi/g IIJ IV 46893 BH40745AE 2 5 FT **URANIUM-235** 15117-96-1 0.0520139 0.03844 pCi/g U ĺν 5 46893 BH40746AE 7 FT URANIUM-235 15117-96-1 0.0626999 0.02832 pCi/g ĪV BH40757AF 46993 3 FT **URANIUM-235** 15117-96-1 0.0546271 0.5193 pCi/g IV 469,93 BH40759AE 3 5|FT URANIUM-235 15117-96-1 0.0634184 0.1713 pCi/g 47093 BH40771AE 1 3 FT URANIUM-235 15117-96-1 0.109284 0.01896 pCi/g 0.02347 pCi/g 47093 BH40773AE 5 FT URANIUM-235 15117-96-1 0.0635223 İΑ 47093 **IBH40774AE** 5 7 FT URANIUM-235 15117-96-1 0.0873965 0.1185 pCi/g



Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAR LOCATION DEPTH DEPTH UNIT DETECTION RESULT VALIDATION SAMPLE NUMBER START ANALYTE CAS NO RESULT UNITS CODE * END CODE LIMIT QUALIFIER QUALIFIER 05093 BH00064AE 6 12 FT ALUMINUM 7429-90-5 50 7560 mg/kg 05193 BH00069AE 6 11|FT ALUMINUM 7429-90-5 50 V 7140 mg/kg 05393 BH00079AE 18 22 FT ALUMINUM 7429-90-5 50 8030; mg/kg IV 05393 BH00081AE 12|FT 6 ALUMINUM 7429-90-5 50 IV 12500 mg/kg 11700; mg/kg 05393 BH00084AE 12 18; FT ALUMINUM 7429-90-5 50 V 44593 BH40005AE 11 FT 6 ALUMINUM 7429-90-5 45.5 10600 mg/kg V 41193 BH40052AE 8 FT 8570 mg/kg 6 ALUMINUM 7429-90-5 42 ١V BH40065AE 12 FT 41993 6 4310 mg/kg ALUMINUM 7429-90-5 46 J 11 FT 4570 mg/kg 43893 BH40073AE 6 ALUMINUM 7429-90-5 43 V BH40086AE 42193 10 16 FT ALUMINUM 7429-90-5 50 5940 mg/kg IV 42193 BH40091AE 16 22 FT ALUMINUM 7429-90-5 50 13800 mg/kg īV 42993 BH40144AE 7 10 FT ALUMINUM 7429-90-5 44 7390 mg/kg V 40793 BH40160AE 6 8 FT ALUMINUM 7429-90-5 7780 mg/kg 50 īv 40093 BH40170AE 6 8 FT ALUMINUM 7429-90-5 49 12900 mg/kg IJ 44893 BH40191AE 6 12 FT 7429-90-5 47 J ALUMINUM 10500 mg/kg 6190 mg/kg 40993 BH40204AE 6 10 FT ALUMINUM 7429-90-5 50 ١V 19 FT 40993 BH40206AE 10 ALUMINUM 7429-90-5 50 4150 mg/kg IV 41693 BH40220AE 12 FT 6 ALUMINUM 7429-90-5 47 42400 mg/kg | E J 11 FT 41793 BH40246AE 6 ALUMINUM 7429-90-5 45 12300 mg/kg | E IJ BH40256AE 11 FT 26500 mg/kg 42293 6 ALUMINUM 7429-90-5 50 V BH40258AE 42293 11 13 FT ALUMINUM 7429-90-5 50 11300 mg/kg ĺν 4200 mg/kg 42393 BH40264AE 6 8 FT ALUMINUM 7429-90-5 42 īV 42593 BH40290AE 10 17 FT ALUMINUM 7429-90-5 50 14600 mg/kg V 43193 BH40309AE 6 11 FT ALUMINUM 7429-90-5 46 7980 mg/kg | E J 43393 BH40324AE 8 13 FT ALUMINUM 7429-90-5 11500 mg/kg 50 V 43793 BH40335AE 12 FT 6 ALUMINUM 7429-90-5 50 11800 mg/kg V 44093 BH40351AE 10 FT 8760 mg/kg | E 6 ALUMINUM 7429-90-5 43 IJ 45893 BH40380AE 6 9 FT ALUMINUM 7429-90-5 50 8560 mg/kg ĪV 45893 BH40382AE 9 18 FT ALUMINUM 7429-90-5 50 7940 mg/kg V 40793 BH40414AE 8770 mg/kg 8 13 FT ALUMINUM 7429-90-5 50 IV 40993 BH40415AE 20 29 FT ALUMINUM 7429-90-5 50 7280 mg/kg īv 40993 35 FT BH40416AE 31 ALUMINUM 7429-90-5 50 10700 mg/kg IV 41593 BH40424AE 8 FT ALUMINUM 6 7429-90-5 50 7200¦mg/kg IV 42193 BH40430AE 22 28 F ALUMINUM 7429-90-5 10600 mg/kg 50 īV 42193 BH40432AE 6 10 FT ALUMINUM 7429-90-5 50 5120 mg/kg V 11400 mg/kg 42193 BH40433AE 31 FT ALUMINUM 28 7429-90-5 50 IV 42493 BH40445AE ALUMINUM 8 10 FT 7429-90-5 50 11400 mg/kg IV 42593 BH40450AE 8650 mg/kg 8 10 FT ALUMINUM 7429-90-5 50 V 43693 BH40521AE 6 8 FT ALUMINUM 7429-90-5 50 5640 mg/kg V 43693 BH40522AE 8 10 FT ALUMINUM 7429-90-5 50 6390 mg/kg IV 43693 BH40525AE 10 13 FT ALUMINUM 7429-90-5 50 15600 mg/kg iV ALUMINUM 46593 BH40711AE 9 11 FT 7429-90-5 40 7740 mg/kg IV 46593 BH40713AE 11 16 FT ALUMINUM 7429-90-5 40 7750 mg/kg V 46693 BH40726AE 7 8 FT ALUMINUM 7429-90-5 40 V 7410 mg/kg 46693 BH40728AE 9 15 FT 7429-90-5 4570 mg/kg ALUMINUM 40 V 46793 BH40740AE 6 8 FT ALUMINUM 6010 mg/kg 7429-90-5 40 īv 15 FT 9350 mg/kg 46793 BH40742AE 8 ALUMINUM 7429-90-5 40 V 46893 BH40748AE 7 9 FT ALUMINUM 7429-90-5 40 4080 mg/kg IV 46893 BH40749AE 9 11 FT 2160 mg/kg ALUMINUM 7429-90-5 40 IV 46893 BH40754AE 12 12 FT ALUMINUM 7429-90-5 40 V 3440 mg/kg 46993 BH40768AE 6 7 FT ALUMINUM 7429-90-5 40 3060 mg/kg īV 46993 BH40770AE 13 FT ALUMINUM 7429-90-5 40 2460 mg/kg ٧ 47093 BH40776AE 7 9 FT ALUMINUM 7429-90-5 200 8000 mg/kg IV 7429-90-5 P207589 SEP0389BR0915 9 15 FT ALUMINUM 8610 mg/kg V 40 P207589 SEP0389BR1521 21 FT ALUMINUM 15 7429-90-5 40 7650 mg/kg V 5290 mg/kg P208889 SEP1689BR1016 10 15 FT ALUMINUM 7429-90-5 40 A 15 FT P208989 SEP1789BR0915 9 ALUMINUM 7429-90-5 40 5200 mg/kg IV P209089 SEP1889BR1218 12 18 FT 6760 mg/kg ALUMINUM 7429-90-5 40 V P209089 SEP1889BR1824 18 24 FT 4780 mg/kg IALUMINUM 7429-90-5 40 ĪV P209189 SEP1989BR1016 10 16 FT ALUMINUM 7429-90-5 40 4140 mg/kg IV SEP1989BR1622 P209189 16 22 FT ALUMINUM 7429-90-5 40 7060 mg/kg V P209489 SEP2289BR0912 9 12 FT ALUMINUM 7429-90-5 40 5010 mg/kg A

482

P209489

P209489

P209489

SEP2289BR1213

SEP2289BR1416

SEP2289BR1621

12

14

16

13 FT

16 FT

21 FT

7429-90-5

7429-90-5

7429-90-5

40

40

4

2830 mg/kg

4160 mg/kg

2950 mg/kg

Α

A

Α

ALUMINUM

ALUMINUM

ALUMINUM

| | | ar Evapor | | na AUC | - Analytical Res | uits for Subst | Trace Sons G | Catel That | | | |
|----------|---------------|-----------|-------------|-------------|------------------|----------------|--------------|----------------------------------|-------------|--------------|------------|
| | | 460.7 | 4. | 9 10 | | | 3x - x - x | | | LAB | 10.00 |
| LOCATION | | DEPTH | DEPTH | UNIT | . W. C | The Later | DETECTION | 20.11 | TO TO | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | | | ANALYTE | CAS NO | | a marchine de mar entre de marie | | CONFILER | QUALIFIER |
| P209589 | SEP2389BR1015 | 10 | | | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | Α |
| P209889 | SEP2689BR1016 | 10 | | | ALUMINUM | 7429-90-5 | 40 | | mg/kg | ļ <u></u> | <u>V</u> |
| P210189 | SEP3089BR0915 | 9, | 15 | FT | ALUMINUM | 7429-90-5 | 40 | | mg/kg | | V |
| P210189 | SEP3089BR1521 | 15 | 21 | FΤ | ALUMINUM | 7429-90-5 | 40 | | mg/kg | i | V |
| P210189 | SEP3089BR2127 | 21 | 27 | FT | ALUMINUM | 7429-90-5 | 40 | 9630 | mg/kg | | V |
| | SEP3189BR0713 | 7 | | FT | ALUMINUM | 7429-90-5 | 40 | 6310 | mg/kg | | V |
| | SEP3189BR1319 | 13 | | FT | ALUMINUM | 7429-90-5 | 40 | 6130 | mg/kg | ! | V |
| | BH00064AE | 6 | | FT | ANTIMONY | 7440-36-0 | 50 | 11.3 | mg/kg | UN | J |
| | BH00069AE | 6 | | FT | ANTIMONY | 7440-36-0 | 50 | 11 | mg/kg | UN | J |
| | BH00079AE | 18 | | FT | ANTIMONY | 7440-36-0 | 50 | | | UN | J |
| 05393 | BH00081AE | 6 | | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | | J |
| 05393 | BH00084AE | 12 | | FT | ANTIMONY | 7440-36-0 | 50 | | ma/ka | UN | J |
| | | 6 | | FT | ANTIMONY | 7440-36-0 | 13.6 | | | UN | J |
| | BH40005AE | | | | ANTIMONY | 7440-36-0 | 13.0 | | | UN | J |
| | BH40052AE | 6 | | FT | | 7440-36-0 | 14 | · | mg/kg | UN | J |
| | BH40065AE | 6 | | FT | ANTIMONY | | | | | | J |
| | BH40073AE | 6 | | FT | ANTIMONY | 7440-36-0 | 13 | | mg/kg | | |
| 42193 | BH40086AE | 10 | | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | IUN | J |
| 42193 | BH40091AE | 16 | | FT | ANTIMONY | 7440-36-0 | 50 | | | UN | J |
| 42993 | BH40144AE | 7 | 10 | FT | ANTIMONY | 7440-36-0 | 13 | | | UN | J |
| 40093 | BH40170AE | 6 | 8 | FT | ANTIMONY | 7440-36-0 | 15 | | | | J |
| 44893 | BH40191AE | 6 | | FT | ANTIMONY | 7440-36-0 | 14 | 11.8 | mg/kg | UN | J |
| 40993 | BH40206AE | 10 | | FT | ANTIMONY | 7440-36-0 | 50 | 11.1 | mg/kg | UN | J |
| 41693 | BH40220AE | 6 | | FT | ANTIMONY | 7440-36-0 | 14 | 11.7 | mg/kg | UN | J |
| 41793 | BH40246AE | 6 | | FT | IANTIMONY | 7440-36-0 | 13 | | | UN | J |
| | BH40256AE | 6 | | FΤ | ANTIMONY | 7440-36-0 | 50 | | | UN | J |
| | | | | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | J |
| | BH40258AE | 11 | | | · | | 13 | | mg/kg | UN | J |
| | BH40264AE | 6 | | FT | ANTIMONY | 7440-36-0 | 50 | | | <u></u> | J |
| 42593 | BH40290AE | 10 | | FT | ANTIMONY | 7440-36-0 | | | | UN | |
| 43193 | BH40309AE | 6 | | FT | ANTIMONY | 7440-36-0 | 14 | | mg/kg | UN | J |
| 43393 | BH40324AE | 8 | 13 | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | J |
| 44093 | BH40351AE | 6 | 10 | FT | ANTIMONY | 7440-36-0 | 13 | | mg/kg |]UN | J |
| 45893 | BH40380AE | 6 | 9 | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | J |
| 45893 | BH40382AE | 9 | 18 | FT | ANTIMONY | 7440-36-0 | 50 | 11.8 | mg/kg | UN | J |
| 40993 | BH40415AE | 20 | | FT | ANTIMONY | 7440-36-0 | 50 | 11.4 | mg/kg | UN | J |
| 40993 | BH40416AE | 31 | | FT | ANTIMONY | 7440-36-0 | 50 | 11.9 | mg/kg | UN | J |
| 41593 | BH40424AE | 6 | <u> </u> | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | J |
| 42193 | BH40430AE | 22 | | FT | ANTIMONY | 7440-36-0 | 50 | | | UN | J |
| | <u></u> | 6 | | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | ÜN | J |
| 42193 | BH40432AE | | | · | IANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | lj - |
| 42193 | BH40433AE | 28 | | FT | · | 7440-36-0 | 50 | | | UN | J |
| 42493 | BH40445AE | 8 | | FT | ANTIMONY | | L | | mg/kg | | |
| 42593 | BH40450AE | 8 | | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | J |
| 43693 | BH40521AE | 6 | | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | JUN | J |
| 43693 | BH40522AE | 8 | 10 | FT | ANTIMONY | 7440-36-0 | 50 | | mg/kg | UN | J |
| 43693 | BH40525AE | 10 | 13 | FT | ANTIMONY | 7440-36-0 | 50 | 12 | mg/kg | UN | J |
| 46593 | BH40711AE | 9 | 11 | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | | J |
| 46593 | BH40713AE | 11 | 16 | FT | ANTIMONY | 7440-36-0 |] 12 | | mg/kg | UN | J |
| 46693 | BH40726AE | 7 | | FT | ANTIMONY | 7440-36-0 | 1 12 | | mg/kg | UN | J |
| 46693 | BH40728AE | 9 | L | FT | ANTIMONY | 7440-36-0 | 12 | 4.5 | mg/kg | U | J |
| 46893 | BH40748AE | 7 | | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | U | J |
| 46893 | BH40749AE | 9 | | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | <u> </u> | J |
| 46893 | BH40754AE | 12 | | FT | ANTIMONY | 7440-36-0 | 12 | | | Ū | J |
| | | | | FT | ANTIMONY | 7440-36-0 | 12 | | | B | J |
| 46993 | BH40768AE | 6 | | | ANTIMONY | 7440-36-0 | 12 | | mg/kg | Ü | J |
| 46993 | BH40770AE | 7 | | FT | | | | | | UN | J |
| 47093 | BH40776AE | 7 | | FT | ANTIMONY | 7440-36-0 | 60 | | | | |
| P207589 | SEP0389BR0915 | 9 | | FT | ANTIMONY | 7440-36-0 | 12 | | | UJ | A |
| P207589 | SEP0389BR1521 | 15 | | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | UJ | A |
| P209489 | SEP2289BR0912 | 9 | | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | UJ | Α |
| P209489 | SEP2289BR1213 | 12 | 13 | FT | ANTIMONY | 7440-36-0 | 12 | | | IO1 | Α |
| P209589 | SEP2389BR1015 | 10 | 14 | FT | ANTIMONY | 7440-36-0 | 12 | 3.8 | mg/kg | UJ | Α |
| P209889 | SEP2689BR1016 | 10 | | FT | ANTIMONY | 7440-36-0 | 12 | 4.5 | mg/kg | UJ | Α |
| P210189 | SEP3089BR0915 | 9 | | FT | ANTIMONY | 7440-36-0 | 12 | 9.3 | mg/kg | U | V |
| P210189 | SEP3089BR1521 | 15 | | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | TU | V |
| P210189 | SEP3089BR2127 | 21 | | FT | ANTIMONY | 7440-36-0 | 12 | | mg/kg | Ü | V |
| P210289 | SEP3189BR1319 | 13 | | FT | ANTIMONY | 7440-36-0 | 12 | | | UJ | iA |
| 05093 | BH00064AE | 6 | <u> </u> | FT | ARSENIC | 7440-38-2 | | | mg/kg | | īv |
| 03083 | IDITUUU04AE | , 0 | 14 | te t | IVUOFILIO | 1,0-30-2 | <u> </u> | -1 2.5 | ,,,,,g,,r,g | <u> </u> | <u> </u> |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB DEPTH DETECTION VALIDATION LOCATION DEPTH UNIT RESULT QUALIFIER ANALYTE CAS NO LIMIT *CODE SAMPLE NUMBER START END CODE RESULT UNITS QUALIFIER 05193 BH00069AE 11:FT ARSENIC 7440-38-2 3.3 mg/kg 6 05393 BH00079AE 18 22 FT IARSENIC 7440-38-2 2 2.1 mg/kg | B 11/ BH00081AE 12 FT ARSENIC 7440-38-2 2 V 6 10.1 mg/kg 05393 05393 BH00084AE 12 18 FT ARSENIC 7440-38-2 2 3 mg/kg IV ARSENIC 7440-38-2 44593 BH40005AE 11 FT 2.3 6 IV 2.4 mg/kg 41193 BH40052AE 6 8 FT ARSENIC 7440-38-2 4.4 mg/kg |SN IJ 12 FT 7440-38-2 IV 41993 ARSENIC 2 BH40065AE 6 1.6 mg/kg | 43893 BH40073AE 11 FT ARSENIC 7440-38-2 1.4 mg/kg |BWN J 7440-38-2 16 FT ARSENIC BH40086AE 10 3 42193 2.9 mg/kg | S V 22 FT 42193 BH40091AE 16 ARSENIC 7440-38-2 3 IV 4.3 mg/kg 10 FT ARSENIC 7440-38-2 42993 BH40144AE 7 2 3.3 mg/kg IV 8 FT 40793 BH40160AE 6 ARSENIC 7440-38-2 3 3 mg/kg N J 8 FT 7440-38-2 40093 BH40170AE 6 IARSENIC 2 1.9 mg/kg |* IV 12 FT 44893 BH40191AE 6 ARSENIC 7440-38-2 2 4 mg/kg 40993 BH40204AE 6 10 FT **IARSENIC** 7440-38-2 3 4.8 mg/kg | N J 40993 BH40206AE 10 19 FT ARSENIC 7440-38-2 3 7.5 mg/kg |S V 41693 BH40220AE 6 12 FT ARSENIC 7440-38-2 2 īV 5.5 mg/kg 1.8 mg/kg B 41793 BH40246AE 6 11 FT ARSENIC 7440-38-2 2 V 42293 BH40256AE 6 11 FT ARSENIC 7440-38-2 3 V 6.5 mg/kg 42293 13 FT 7440-38-2 BH40258AE 11 ARSENIC 3 IV 5.9 mg/kg 42393 BH40264AE 6 8 FT ARSENIC 7440-38-2 2 0.42 mg/kg |U V 42593 BH40290AE 10 17 FT ARSENIC 7440-38-2 1.8 mg/kg BS V 3 11 FT ARSENIC 7440-38-2 6.2 mg/kg 43.193 BH40309AE 6 IV 13 FT 7440-38-2 0.72 mg/kg |BN 43393 BH40324AE 8 ARSENIC 3 IJ 12 FT 7440-38-2 43793 BH40335AE 6 ARSENIC 3 2.6 mg/kg N J 10 FT 7440-38-2 44093 BH40351AE 6 ARSENIC 2 3.9 mg/kg V 45893 BH40380AE 6 9 FT ARSENIC 7440-38-2 3 6.5 mg/kg V 45893 BH40382AE 9 18 FT ARSENIC 7440-38-2 3 3.4 mg/kg V 40793 BH40414AE 8 13 FT ARSENIC 7440-38-2 3 1.7 mg/kg |BN IJ 40993 BH40415AE 20 29 FT ARSENIC 7440-38-2 3 8.1 mg/kg V 40993 BH40416AE 35 FT ARSENIC 7440-38-2 3 31 3 mg/kg IV 8 FT 41593 BH40424AE 6 ARSENIC 7440-38-2 3 1 mg/kg B ٧ BH40430AE 22 28 FT 7440-38-2 3 42193 ARSENIC 1.9 mg/kg | B īV 42193 BH40432AE 6 10 FT ARSENIC 7440-38-2 3 0.78 mg/kg | BN J 42193 BH40433AE 28 31 FT ARSENIC 7440-38-2 3 1.5 mg/kg BN J 10 FT 42493 BH40445AE 8 ARSENIC 7440-38-2 3 5.2 mg/kg V 10 FT 42593 BH40450AE 7440-38-2 ARSENIC 3 V 8 2.4 mg/kg 43693 BH40521AE 6 8 FT ARSENIC 7440-38-2 3 1.9 mg/kg B V 10 FT 7440-38-2 4.4 mg/kg 43693 BH40522AE 8 ARSENIC 3 IV 43693 BH40525AE 10 13 FT ARSENIC 7440-38-2 3 0.96 mg/kg | B V 46593 BH40711AE 9 11 FT ARSENIC 7440-38-2 2 2.1 mg/kg | B V 16 FT 46593 BH40713AE 11 ARSENIC 7440-38-2 2 6.5 mg/kg ĪV 46693 BH40726AE 7 8 FT ARSENIC 7440-38-2 2 0.38 mg/kg U IJ 46693 BH40728AE 9 15 FT ARSENIC 7440-38-2 2 1.8 mg/kg | B V 8 FT 46793 BH40740AE ARSENIC 7440-38-2 2 0.98 mg/kg | BN 6 IJ 46793 BH40742AE 15 FT 7440-38-2 2 8 ARSENIC 2.6 mg/kg | N J 46893 BH40748AE 7 9 FT ARSENIC 7440-38-2 2 1.8 mg/kg | B V 11 FT 46893 BH40749AE 9 ARSENIC 7440-38-2 2 1.8 mg/kg B I۷ 12 FT ARSENIC 7440-38-2 2 46893 BH40754AE 12 1.5 mg/kg B V ARSENIC 46993 BH40768AE 6 7 FT 7440-38-2 2 3.6 mg/kg IV 13 FT 46993 BH40770AE 7 ARSENIC 7440-38-2 2 0.48 mg/kg | B ٧ 47093 BH40776AE 7 9 FT ARSENIC 7440-38-2 10 1.5 mg/kg BN J 17.1 mg/kg P207589 SEP0389BR0915 9 15 FT ARSENIC 7440-38-2 2 iA P207589 SEP0389BR1521 15 21 FT ARSENIC 7440-38-2 2 9.1 mg/kg V P208889 SEP1689BR1016 10 15 FT ARSENIC 7440-38-2 2 V 7.7 mg/kg P208989 SEP1789BR0915 9 15 FT ARSENIC 7440-38-2 2 IV 2.6 mg/kg P209089 SEP1889BR1218 12 18 FT ARSENIC 7440-38-2 2 1.9 mg/kg UJ ĪΑ P209089 SEP1889BR1824 18 24 FT ARSENIC 7440-38-2 2 1.3 mg/kg UJ Α P209189 SEP1989BR1016 10 16 FT ARSENIC 7440-38-2 2 8.7 mg/kg IA P209189 SEP1989BR1622 16 22 FT ARSENIC 7440-38-2 2 5.3 mg/kg Α 12 FT P209489 7440-38-2 IV SFP2289BR0912 9 ARSENIC 2 4.3 mg/kg P209489 SEP2289BR1213 12 13|FT ARSENIC 7440-38-2 2 24.6 mg/kg ٧ P209489 16 FT 7440-38-2 2 SEP2289BR1416 14 ARSENIC V 4.4 mg/kg

484

P209489

P209589

SEP2289BR1621

SEP2389BR1015

16

10

21/FT

14 FT

ARSENIC

ARSENIC

7440-38-2

7440-38-2

2

2

15.7 mg/kg

5.1 mg/kg

IV

V

| · ** | Table A.9 Sol | 241.5 | | | 33 | 1 | | | .~2 . -5 1 | LAB | |
|--------------------|--------------------------------|-------------|-----------|-----------------------|------------------|------------------------|-----------|--|----------------|--|----------------|
| LOCATION | | DEPTH | | UNIT | | | DETECTION | تمنيد | .X | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER SEP2689BR1016 | START 10 | END 16 | STATE OF THE PARTY OF | ANALYTE ARSENIC | 7440-38-2 | LIMIT 2 | The state of the s | mg/kg | QUALIFIER | OUALIFIER V |
| P209889 P210189 | SEP3089BR1016 | 9 | 15 | | ARSENIC | 7440-38-2 | 2 | | | В | V |
| P210189 | SEP3089BR1521 | 15 | 21 | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| P210189 | SEP3089BR2127 | 21 | 27 | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| P210289 | SEP3189BR0713 | 7 | 13 | | ARSENIC | 7440-38-2 | 2 | 3.1 | mg/kg | | V |
| P210289 | SEP3189BR1319 | 13 | 19 | | ARSENIC | 7440-38-2 | 2 | | mg/kg | | V |
| | BH00064AE | 6 | 12 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | V |
| 05193 | BH00069AE | 6 | 11 | | BARIUM | 7440-39-3 | 10 | | mg/kg mg/kg | 1 | V |
| 05393 05393 | BH00079AE BH00081AE | 18 | 12 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | V |
| 05393 | BH00081AE | 12 | 18 | | BARIUM | 7440-39-3 | 10 | | mg/kg | 1 | V |
| 44593 | BH40005AE | 6 | 11 | | BARIUM | 7440-39-3 | 45.5 | | mg/kg | 1 | V |
| 41193 | BH40052AE | 6 | | FT | BARIUM | 7440-39-3 | 42 | | mg/kg | | V |
| 41993 | BH40065AE | 6 | 12 | FT | BARIUM | 7440-39-3 | 46 | 36.4 | mg/kg | В | V |
| 43893 | BH40073AE | 6 | 11 | FT | BARIUM | 7440-39-3 | 43 | | mg/kg · | | V |
| 42193 | BH40086AE | 10, | 16 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | \J |
| 42193 | BH40091AE | 16 | 22 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | J |
| 42993 | BH40144AE | 7 | 10 | | BARIUM | 7440-39-3 | 44 | | mg/kg | | IV. |
| 40793 | BH40160AE | 6 | | FT | BARIUM | 7440-39-3 | 10 | | mg/kg | | V |
| 40093 44893 | BH40170AE BH40191AE | 6 | 12 | FT | BARIUM | 7440-39-3 7440-39-3 | 49 | | mg/kg mg/kg | | IV |
| 44893 40993 | BH40204AE | 6 | 10 | | BARIUM | 7440-39-3 | 10 | | mg/kg | i | V |
| 40993 | BH40206AE | 10 | 19 | | BARIUM | 7440-39-3 | 10 | | mg/kg | В | V |
| 41693 | BH40220AE | 6 | 12 | | BARIUM | 7440-39-3 | 47 | | mg/kg | | iV |
| 41793 | BH40246AE | 6 | 11 | | BARIUM | 7440-39-3 | 45 | | mg/kg | | V |
| 42293 | BH40256AE | 6 | 11 | FT | BARIUM | 7440-39-3 | 10 | 190 | mg/kg | 1 | V |
| 42293 | BH40258AE | 11 | 13 | FT | BARIUM | 7440-39-3 | 10 | | mg/kg | i | V |
| 42393 | BH40264AE | 6 | | FT | BARIUM | 7440-39-3 | 42 | | | В | V |
| 42593 | BH40290AE | 10 | 17 | | BARIUM | 7440-39-3 | 10 | | mg/kg | * | J |
| 43193 | BH40309AE | 6 | 11 | | BARIUM | 7440-39-3 | 46 | | | В | V V |
| 43393 | BH40324AE | 8 | 13 | | BARIUM BARIUM | 7440-39-3 7440-39-3 | 10 | | mg/kg mg/kg | | V |
| 43793 44093 | BH40335AE BH40351AE | 6 | 10 | | BARIUM | 7440-39-3 | 1 43 | | mg/kg | 1 | V |
| 45893 | BH40380AE | 6 | | FT | BARIUM | 7440-39-3 | 10 | | mg/kg | <u>' </u> | V |
| 45893 | BH40382AE | 9 | 18 | | BARIUM | 7440-39-3 | 10 | | mg/kg | : | V |
| 40793 | BH40414AE | 8 | 13 | | BARIUM | 7440-39-3 | 10 | | mg/kg | İ | V |
| 40993 | BH40415AE | 20 | 29 | FT | BARIUM | 7440-39-3 | 10 | 65.1 | mg/kg | | V |
| 40993 | BH40416AE | 31 | 35 | FT | BARIUM | 7440-39-3 | 10 | 104 | mg/kg | | V |
| 4.1593 | BH40424AE | 6 | | FT | BARIUM | 7440-39-3 | 10 | | | В | V |
| 42193 | BH40430AE | 22 | 28 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | J |
| 42193 | BH40432AE | 6 | 10 | | BARIUM | 7440-39-3 | 10 | | | В | V |
| 42193 42493 | BH40433AE | 28 | 31 10 | | BARIUM | 7440-39-3 | 10 | | mg/kg mg/kg | * | J |
| 42593 | BH40445AE BH40450AE | 8 | 10 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | V |
| 43693 · | BH40521AE | 6 | | FT | BARIUM | 7440-39-3 | 10 | | mg/kg | | J |
| 43693 | BH40522AE | 8 | | | BARIUM | 7440-39-3 | 10 | | mg/kg | | J |
| 43693 | BH40525AE | 10 | 13 | | BARIUM | 7440-39-3 | 10 | | mg/kg | | J |
| 46593 | BH40711AE | 9 | 11 | | BARIUM | 7440-39-3 | 40 | 53.1 | mg/kg | | V |
| 46593 | BH40713AE | 11 | 16 | FT | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| 46693 | BH40726AE | 7 | | FT | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| 46693 | BH40728AE | 9 | 15 | | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| 46793 | BH40740AE | 6 | | FT | BARIUM | 7440-39-3 | 40 | | mg/kg | | J |
| 46793 46893 | BH40742AE | 8 | | | BARIUM | 7440-39-3 7440-39-3 | 40 | | mg/kg mg/kg | | V |
| 46893 46893 | BH40748AE BH40749AE | 9 | | FT | BARIUM | 7440-39-3 | 40 | | mg/kg mg/kg | | IV |
| 46893 | BH40754AE | 12 | 12 | | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| 46993 | BH40768AE | 6 | | FT | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| 46993 | BH40770AE | 7 | | | BARIUM | 7440-39-3 | 40 | | mg/kg | В | V |
| 47093 | BH40776AE | 7 | | FT | BARIUM | 7440-39-3 | 200 | 36.3 | mg/kg | В | V |
| P207589 | SEP0389BR0915 | 9 | 15 | FT | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| P207589 | SEP0389BR1521 | 15 | | | BARIUM | 7440-39-3 | 40 | | mg/kg | | ٧ |
| P208889 | SEP1689BR1016 | 10 | | | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| P208989 | SEP1789BR0915 | 9 | | | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| P209089 | SEP1889BR1218 | 12 | | | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| P209089 | SEP1889BR1824 | 18 | 24 | r I | BARIUM | 7440-39-3 | 40 | 21.2 | mg/kg | 10 | V |

| Total Col Conscional County | Table A.5 Sol | ai Evapo | ation Fond ACC | - Analytical Resi | its for Subst | mace sons G | cate: IIIa | I O FEEL | | S. C. C. S. S. S. S. S. S. S. S. S. S. S. S. S. |
|-----------------------------|---------------|--------------------------------|----------------|-------------------|---------------|---|--|---------------------------|--|---|
| | | | | | | | | | LAB | |
| LOCATION | | | DEPTH UNIT | | | DETECTION | | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | a elemento actualización (COS) | | | CAS NO | Middleson: accessed the Cities transcover, see- | A TOTAL STATE OF THE PARTY OF T | * #000-+m000-mm-money-70- | authority; - regar from 10th Assessment Code a | QUALIFIER |
| P209189 | SEP1989BR1016 | 10 | | | 7440-39-3 | 40 | | mg/kg | | V |
| P209189 | SEP1989BR1622 | 16 | 22 FT | BARIUM | 7440-39-3 | 40 | 97.2 | mg/kg | | V |
| P209489 | SEP2289BR0912 | 9 | 12 FT | BARIUM | 7440-39-3 | 40 | 55.4 | mg/kg | | V |
| P209489 | SEP2289BR1213 | 12 | 13 FT | BARIUM | 7440-39-3 | 40 | 41.3 | mg/kg | U | ٧ |
| | SEP2289BR1416 | 14 | | | 7440-39-3 | 40 | | mg/kg | | V |
| | SEP2289BR1621 | 16 | | | 7440-39-3 | 40 | | mg/kg | | v |
| | | | | ` | | · | | | <u> </u> | V |
| | SEP2389BR1015 | 10 | | BARIUM | 7440-39-3 | 40 | | mg/kg | | |
| | SEP2689BR1016 | 10 | | BARIUM | 7440-39-3 | 40 | | | | V |
| | SEP3089BR0915 | 9 | | | 7440-39-3 | 40 | 28.6 | mg/kg | | ٧ |
| P210189 | SEP3089BR1521 | 15 | 21 FT | BARIUM | 7440-39-3 | 40 | 203 | mg/kg | | V |
| P210189 | SEP3089BR2127 | 21 | 27 FT | BARIUM | 7440-39-3 | 40 | 169 | ma/kg | | V |
| | SEP3189BR0713 | 7 | | BARIUM | 7440-39-3 | 40 | | mg/kg | | V |
| | SEP3189BR1319 | 13 | 19 FT | BARIUM | 7440-39-3 | 40 | | | | V |
| | BH00064AE | 6 | | BERYLLIUM | 7440-41-7 | 7 5 | | | | V - |
| | ' | | | · | | | | | | |
| 05193 | BH00069AE | 6 | | BERYLLIUM | 7440-41-7 | 5 | | | | V |
| 05393 | BH00079AE | 18 | 22 FT | BERYLLIUM | 7440-41-7 | 5 | | | | V |
| 05393 | BH00081AE | 6 | 12 FT | BERYLLIUM | 7440-41-7 | 5 | 1.2 | mg/kg | U | V |
| 05393 | BH00084AE | 12 | 18 FT | BERYLLIUM | 7440-41-7 | 5 | 1.2 | mg/kg | U | V |
| 44593 | BH40005AE | 6 | 11 FT | | 7440-41-7 | 1.1 | | | | V |
| | BH40052AE | 6 | | BERYLLIUM | 7440-41-7 | 1 | | | | V |
| 1 | BH40052AE | 6 | | | 7440-41-7 | 1 | | | | V |
| | | | | | | | | | | |
| | BH40073AE | 6 | | BERYLLIUM | 7440-41-7 | 11 | | | | V |
| 42193 | BH40086AE | 10 | | | 7440-41-7 | 5 | | | | V |
| 42193 | BH40091AE | 16 | 22 FT | BERYLLIUM | 7440-41-7 | 5 | 1.3 | mg/kg | U | V |
| 42993 | BH40144AE | 7 | 10 FT | BERYLLIUM | 7440-41-7 | 1 | 1.1 | mg/kg | U | V |
| 40793 | BH40160AE | 6 | 8 FT | BERYLLIUM | 7440-41-7 | 5 | 1.2 | ma/ka | U | V |
| 40093 | BH40170AE | 6 | ····· | | 7440-41-7 | 1 | | | | V |
| 44893 | BH40191AE | 6 | | BERYLLIUM | 7440-41-7 | 1 | *** | | | v · |
| | | | | | | | | | | |
| | BH40204AE | 6 | | BERYLLIUM | 7440-41-7 | 5 | | | | V |
| | BH40206AE | 10 | | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | | V |
| 41693 | BH40220AE | 6 | 12 FT | BERYLLIUM | 7440-41-7 | 1 | | mg/kg | | V |
| 41793 | BH40246AE | 6 | 11 FT | BERYLLIUM | 7440-41-7 | 1 | 1.1 | mg/kg | U | V |
| 42293 | BH40256AE | 6 | 11 FT | BERYLLIUM | 7440-41-7 | 5 | | | | V |
| | BH40258AE | 11 | 13 FT | | 7440-41-7 | 5 | | | | V |
| | BH40264AE | 6 | 8 FT | BERYLLIUM | 7440-41-7 | 1 | | | | V |
| | | | | 1 | | | | | 1 | |
| ` | BH40290AE | 10 | | BERYLLIUM | 7440-41-7 | 5 | | | | V |
| | BH40309AE | 6 | 11 FT | · | 7440-41-7 | 1 | | | | V |
| 43393 | BH40324AE | 8 | 13 FT | BERYLLIUM | 7440-41-7 | 5 | 1.2 | mg/kg | U | V |
| 43793 | BH40335AE | 6 | 12 FT | BERYLLIUM | 7440-41-7 | 5 | 1.1 | mg/kg | U | V |
| 44093 | BH40351AE | 6 | 10 FT | BERYLLIUM | 7440-41-7 | 1 | 1.1 | mg/kg | U | V |
| | BH40380AE | 6 | 9 FT | | 7440-41-7 | 5 | | | | V |
| | BH40382AE | 9 | 18 FT | | 7440-41-7 | 5 | | | | · |
| | | | | | | | | | | |
| | BH40414AE | 8 | 13 FT | | 7440-41-7 | 5 | | | | V |
| | BH40415AE | 20 | 29 FT | <u> </u> | 7440-41-7 | 5 | | | | V |
| | BH40416AE | 31 | | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | | V |
| | BH40424AE | 6 | 8 FT | BERYLLIUM | 7440-41-7 | 5 | 1.2 | mg/kg | U | V |
| 42193 | BH40430AE | 22 | 28 FT | BERYLLIUM | 7440-41-7 | 5 | 1.2 | mg/kg | U | V |
| | BH40432AE | 6 | | BERYLLIUM | 7440-41-7 | 5 | | mg/kg | | V |
| | BH40433AE | 28 | 31 FT | | 7440-41-7 | 5 | | mg/kg | | v |
| | BH40445AE | 8 | | | 7440-41-7 | | | mg/kg | | |
| | | | | | | 5 | | | | V |
| | BH40450AE | 8 | | | 7440-41-7 | 5 | | mg/kg | | V |
| | BH40521AE | 6 | 8¦FT | | 7440-41-7 | 5 | | | | V |
| | BH40522AE | 8 | 10 FT | BERYLLIUM | 7440-41-7 | 5 | 1 | mg/kg | U | V |
| 43693 | BH40525AE | 10 | 13 FT | BERYLLIUM | 7440-41-7 | 5 | 1.6 | mg/kg | | V |
| | BH40711AE | 9 | | | 7440-41-7 | 1 | | mg/kg | | J |
| | BH40713AE | 11 | 16 FT | | 7440-41-7 | 1 | | mg/kg | | J |
| | BH40726AE | 7 | | | 7440-41-7 | 1 | | | | J |
| | | | | | | | | | | |
| | BH40728AE | 9 | 15 FT | | 7440-41-7 | 1 | | | | J |
| | BH40740AE | 6 | 8 FT | | 7440-41-7 | 1 | | | | V |
| | BH40742AE | 8 | 15 FT | | 7440-41-7 | 1 | 0.66 | mg/kg | В | V |
| 46893 | BH40748AE | 7 | 9 FT | BERYLLIUM | 7440-41-7 | 1 | 0.39 | rng/kg | U | J |
| 46893 | BH40749AE | 9 | 11 FT | BERYLLIUM | 7440-41-7 | 1 | | | | V |
| | BH40754AE | 12 | 12 FT | | 7440-41-7 | 1 | | | | J |
| | BH40768AE | 6 | 7 FT | | 7440-41-7 | 1 | | mg/kg | | v |
| | BH40770AE | | | | | | | | | |
| 70333 | BH4U/ /UME | 7 | 13 FT | BERYLLIUM | 7440-41-7 | 1 | U.4 | mg/kg | U \ | V |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals IAB VALIDATION DETECTION RESULT DEPTH UNIT LOCATION DEPTH RESULT UNITS QUALIFIER QUALIFIER CAS NO LIMIT ANALYTE CODE SAMPLE NUMBER START END CODE BERYLLIUM 7440-41-7 0.34 mg/kg U BH40776AE 9 FT 47093 7440-41-7 3.1 mg/kg A P207589 SEP0389BR0915 9 15 FT BERYLLIUM BERYLLIUM 7440-41-7 2.8 mg/kg A 15 21 FT SEP0389BR1521 P207589 Α 1.5 mg/kg 10 BERYLLIUM 7440-41-7 1 P208889 SEP1689BR1016 15 FT 15 FT BERYLLIUM 7440-41-7 1 1.5 mg/kg Α P208989 SEP1789BR0915 9 V 12 18 FT BERYLLIUM 7440-41-7 1 1.8 mg/kg P209089 SEP1889BR1218 7440-41-7 1.4 mg/kg Α 18 24 FT BERYLLIUM P209089 SEP1889BR1824 Α 16 FT BERYLLIUM 7440-41-7 1 2.1 mg/kg P209189 SEP1989BR1016 10 22 FT BERYLLIUM 7440-41-7 1 2.7 mg/kg Α P209189 SEP1989BR1622 16 Α 12 FT BERYLLIUM 7440-41-7 1 1.7 mg/kg P209489 SEP2289BR0912 9 1.5 mg/kg 13 FT BERYLLIUM 7440-41-7 Α P209489 SEP2289BR1213 12 Α P209489 SEP2289BR1416 14 16 FT BERYLLIUM 7440-41-7 1 1.3 mg/kg BERYLLIUM 7440-41-7 1 0.79 mg/kg UJ A 21 FT P209489 SEP2289BR1621 16 7440-41-7 1.9 mg/kg Α SEP2389BR1015 10 14 FT BERYLLIUM 1 P209589 7440-41-7 2.5 mg/kg SEP2689BR1016 10 16 FT BERYLLIUM 1 P209889 W 7440-41-7 0.39 mg/kg | B SEP3089BR0915 9 15 FT BERYLLIUM P210189 1.1 mg/kg B BERYLLIUM 7440-41-7 1 ٧ SEP3089BR1521 15 21 FT P210189 7440-41-7 1.2 mg/kg V P210189 SEP3089BR2127 21 27 FT BERYLLIUM 1 V 7440-41-7 2.5 mg/kg SEP3189BR0713 7 13 FT BERYLLIUM 1 P210289 V P210289 SEP3189BR1319 13 19 FT BERYLLIUM 7440-41-7 2.4 mg/kg J 7440-43-9 5 1.1 mg/kg U BH00064AE 6 12 FT CADMIUM 05093 1.1 mg/kg U V 11 FT CADMIUM 7440-43-9 5 05193 BH00069AE 6 1.2 mg/kg U 05393 BH00079AE 18 22 FT CADMIUM 7440-43-9 5 J 1.2 mg/kg CADMIUM 7440-43-9 U IJ 5 05393 BH00081AE 6 12 FT 18 FT CADMIUM 7440-43-9 5 1.2 mg/kg U J 05393 BH00084AE 12 7440-43-9 1.1 mg/kg U J CADMIUM 1.1 44593 BH40005AE 6 11 FT 7440-43-9 15.5 mg/kg V 41193 BH40052AE 6 8 FT CADMIUM 1 1.2 mg/kg UN 7440-43-9 V 12 FT CADMIUM 1 41993 BH40065AE 6 7440-43-9 1.1 mg/kg | U īv 43893 BH40073AE 6 11 FT CADMIUM 1.2 mg/kg U V 7440-43-9 5 CADMIUM 42193 BH40086AE 10 16 FT 7440-43-9 5 1.3 mg/kg U V 42193 BH40091AE 16 22 FT CADMIUM 7440-43-9 V 1.1 mg/kg | U 1 42993 BH40144AE 7 10 FT CADMIUM 40793 BH40160AE 8 FT CADMIUM 7440-43-9 5 1.2 mg/kg | U J 6 J 1.6 mg/kg N 40093 BH40170AE 6 8 FT CADMIUM 7440-43-9 12 FT CADMIUM 7440-43-9 1 1.2 mg/kg UN V BH40191AE 6 44893 BH40204AE 10 FT CADMIUM 7440-43-9 5 1.1 mg/kg | U IV 40993 6 19 FT CADMIUM 7440-43-9 5 1.1 mg/kg U V 10 BH40206AE 40993 J CADMIUM 7440-43-9 61.4 mg/kg N 41693 BH40220AE 6 12 FT CADMIUM 7440-43-9 1 1.1 mg/kg UN J 11 FT 41793 BH40246AE 6 11 FT CADMIUM 7440-43-9 5 1.2 mg/kg | U V 42293 BH40256AE 6 13 FT CADMIUM 7440-43-9 5 1.1 mg/kg U IV 42293 BH40258AE 11 ĪV 7440-43-9 1 1.1 mg/kg U 42393 BH40264AE 6 8 FT CADMIUM CADMIUM 7440-43-9 5 1.2 mg/kg U īV 17 FT 42593 BH40290AE 10 43193 BH40309AE 6 11 FT CADMIUM 7440-43-9 1 2.5 mg/kg | N IJ 7440-43-9 1.2 mg/kg U CADMIUM 43393 BH40324AE 8 13 FT 5 7440-43-9 37.6 mg/kg īv 43793 BH40335AE 6 12 FT CADMIUM 5 7440-43-9 1 1.1 mg/kg UN J CADMIUM 44093 BH40351AE 6 10 FT 7440-43-9 5 1.2 mg/kg U V 9 FT CADMIUM 45893 BH40380AE 6 BH40382AE 5 1.2 mg/kg | U iV 9 18 FT CADMIUM 7440-43-9 45893 CADMIUM 7440-43-9 5 1.2 mg/kg | U IJ 40793 BH40414AE 8 13 FT J 29 FT CADMIUM 7440-43-9 5 1.1 mg/kg U 40993 BH40415AE 20 31 35 FT CADMIUM 7440-43-9 5 1.2 mg/kg U J 40993 BH40416AE V 8 FT CADMIUM 7440-43-9 5 1.2 mg/kg U 41593 BH40424AE 6 7440-43-9 1.2 mg/kg U V 28 FT CADMIUM 5 42193 BH40430AE 22 10 FT CADMIUM 7440-43-9 1.1 mg/kg | U IV 42193 BH40432AE 6 5 7440-43-9 5 1.2 mg/kg U V 31 FT 42193 BH40433AE 28 CADMIUM 10 FT CADMIUM 7440-43-9 5 1.2 mg/kg U īv 42493 BH40445AE 8 7440-43-9 V 1.2 mg/kg U 42593 BH40450AE 8 10|FT CADMIUM 5 7440-43-9 5 V 43693 BH40521AE 6 8 FT CADMIUM 1 mg/kg U 1 mg/kg U 7440-43-9 V CADMIUM 5 43693 BH40522AE 8 10 FT 7440-43-9 5 1.3 mg/kg J BH40525AE 10 13 FT CADMIUM 43693 V 7440-43-9 0.68 mg/kg | U 46593 BH40711AE 9 11 FT CADMIUM 1 V BH40713AE 16 FT CADMIUM 7440-43-9 1 0.73 mg/kg U 46593 11 ٧ 7440-43-9 0.73 mg/kg U 46693 BH40726AE 8 FT CADMIUM 1 BH40728AE 9 15 FT CADMIUM 7440-43-9 1 0.73 mg/kg U V 46693

| COCATION SAMPLE NUMBER START SEPT DEPT DEPT DEPT D | | | ai Evapoi | | | - Analytical Resi | | | 10.00 | Commencer Commencer | IAR: | |
|--|-----------------------|---|-------------|--------------|--|---------------------------------------|--|---|---|---------------------|--|------------|
| CODE SAMPLE NUMBER START No. CODE SANSYTE S.CASNO | | 2. 44. 7. | <u> </u> | | ************************************** | | * * * * * * * * * * * * * * * * * * * | DETECTION | | | DESILIT | VALIDATION |
| 16773 181407740AE 6 | | The state of the | | DEPIH | UNII | A XV | | | occur. | LINITE | | |
| 1975 1946/7452E 8 15 T CADMIUM 7440-43-9 1 0.88 mg/kg U | and the second second | - « د ۱۸ دست ایانه شاهنده میشود. میشود به این این این این این این این این این این | START | | | | a bland hope or my governor of the contraction | A TOTAL SECTION OF SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE | a secondary services. | | | |
| 148833 81407-36AE | 6793 | BH40740AE : | 6 | | | | | <u> </u> | | | | J |
| 48893 SH-0754AE 9 | 6793 | BH40742AE | . 8 | 15 | FT | CADMIUM | 7440-43-9 |]1 | | | | V |
| 48893 BH-0754AE 9 11 FT CADMIUM 7440-45-9 1 7.7mg/kg 48993 BH-0754AE 12 12 FT CADMIUM 7440-45-9 1 4.8mg/kg 48993 BH-0754AE 6 7 FT CADMIUM 7440-45-9 1 0.71mg/kg U 48993 BH-0754AE 7 13 FT CADMIUM 7440-45-9 1 0.71mg/kg U 47093 BH-0754AE 7 9 FT CADMIUM 7440-45-9 1 0.5mg/kg U 47093 BH-0754AE 7 9 FT CADMIUM 7440-45-9 1 0.5mg/kg U 720939 SEP17898P0112 1 18 FT CADMIUM 7440-45-9 1 0.2mg/kg U 7209399 SEP17898P0112 1 18 FT CADMIUM 7440-45-9 1 0.15mg/kg U 7209399 SEP1898P112 1 18 FT CADMIUM 7440-45-9 1 0.15mg/kg U 7209399 SEP1898P113 1 18 FT CADMIUM 7440-45-9 1 0.15mg/kg U 7209399 SEP1898P113 1 18 FT CADMIUM 7440-45-9 1 0.35mg/kg U 7209399 SEP1898P113 1 18 FT CADMIUM 7440-45-9 1 0.35mg/kg U 7209399 SEP1898P113 1 18 FT CADMIUM 7440-45-9 1 0.35mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-45-9 1 0.35mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-45-9 1 0.45mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-45-9 1 0.45mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-45-9 1 0.45mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-45-9 1 0.35mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-45-9 1 0.35mg/kg U 7209399 SEP18989R1213 1 18 FT CADMIUM 7440-75-9 1 0.35mg/kg U 7209399 SEP189898R1221 1 18 FT CADMIUM 7440-75-9 1 0.35mg/kg U 7209399 SEP18989R1221 1 18 FT CADMIUM 7440-75-9 1 0.35mg/kg U 7209399 SEP18989R1221 1 18 FT CADMIUM 7440-75-9 1 0.35mg/kg U 7209399 SEP18989R1221 1 18 FT CADMIUM 7440-75-9 1 0.35mg/kg U 7209399 SEP18989R1221 1 18 FT CADMIUM 7440-75-9 1 0.35mg/kg U 7209399 SEP18989R1221 1 18 FT CADMIUM 7440- | 6893 | BH40748AE | 7 | 9 | FT | CADMIUM | 7440-43-9 | 1 | 11.4 | mg/kg | | J |
| 48993 SH40756AE 12 12FT CADMILM 7440-43-9 1 4.8/mg/kg 48993 SH4076AE 6 7.1FT CADMILM 7440-43-9 1 0.71mg/kg U 48993 SH4076AE 7 9.1FT CADMILM 7440-43-9 1 0.71mg/kg U 48993 SH4076AE 7 9.1FT CADMILM 7440-43-9 1 0.2/mg/kg U 74093 SH4076AE 7 9.1FT CADMILM 7440-43-9 1 0.2/mg/kg U 74093 SH4076AE 7 9.1FT CADMILM 7440-43-9 1 0.2/mg/kg U 74093 SH4076AE 7 9.1FT CADMILM 7440-43-9 1 0.1mg/kg U 74093 SH4076AE 1 0.1mg/kg U 74093 SF18898R1824 18 24FT CADMILM 7440-43-9 1 0.1mg/kg U 74093 SF18898R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF18898R1822 16 22FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF18898R1822 16 22FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF18898R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF18898R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF18898R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF18898R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-43-9 1 0.8/mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-70-2 1000 38500 mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-70-2 1000 38500 mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-70-2 1000 38500 mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-70-2 1000 38500 mg/kg U 74093 SF188988R1824 18 24FT CADMILM 7440-70-2 1000 38500 mg/kg U 0 | | | 9 | 11 | FT | CADMIUM | 7440-43-9 | 1 | 7 | mg/kg | | ٧ |
| 46993 BH40776AE | | | | | | | | | | ma/ka | | J |
| 1993 1940/776AE 7 19 T CADMUM 7440-43-9 1 0.99 mg/kg U 7490-33 8490/76AE 7 91 T CADMUM 7440-43-9 5 8.7 mg/kg U 7490-33-9 5 8.7 mg/kg U 7490-33-9 5 8.7 mg/kg U 7490-33-9 5 8.7 mg/kg U 7490-33-9 5 8.7 mg/kg U 7490-33-9 1 0.21 mg/kg U 7490-33-9 1 | | | | | | | ` | <u> </u> | , , , , , , , , , , , , , , , , , , , | | <u>' </u> | V |
| APP-038-98 SEP-788BR118 12 SEPT CADMILIM 7440-43-9 1 0.2 mg/s 1 | | | | | | | | | | | | V |
| P200899 SEP17898R0315 9 15FT CADMILIM 7440-43-9 1 0.2 mg/kg J | | | | | · | | | | | | . – | |
| P200099 SEP1898BR1218 12 18 FT CADMILIM 7440-43-9 1 0.18 mg/kg U | | BH40776AE | | | | | | · | | | | V |
| P200309 SEP18898R1024 18 | 208989 | SEP1789BR0915 | 9 | 15 | FT | CADMIUM | 7440-43-9 | <u> </u> | | | <u> </u> | Α |
| P200989 SEP18898R1824 18 | 209089 | SEP1889BR1218 | 12 | 18 | FT | CADMIUM | 7440-43-9 | 1 | 0.19 | mg/kg | U | V |
| P200199 SEP10898R1016 10 16 FT CADMIUM 7440-43-9 1 0.78 mg/kg U P200199 SEP10898R1022 16 22 FT CADMIUM 7440-43-9 1 0.38 mg/kg U P200499 SEP20898R1213 12 13 FT CADMIUM 7440-43-9 1 0.38 mg/kg U P200499 SEP20898R1213 12 13 FT CADMIUM 7440-43-9 1 0.48 mg/kg U P210199 SEP20898R0915 9 15 FT CADMIUM 7440-43-9 1 0.48 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-43-9 1 0.48 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-43-9 1 0.58 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-43-9 1 0.47 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-43-9 1 0.47 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-43-9 1 0.47 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-43-9 1 0.47 mg/kg U P210199 SEP20898R0915 15 ZIFT CADMIUM 7440-70-2 1000 29100 mg/kg U SEP20898R0915 16 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP20898R0915 16 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP20898R0915 16 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP20898R0915 16 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP208998 16 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP208998 25 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP208998 25 ZIFT CADMIUM 7440-70-2 1000 33600 mg/kg U SEP208998 25 ZIFT CADMIUM 7440-70-2 1000 3500 mg/kg U SEP208998 25 ZIFT CADMIUM 7440-70-2 1000 3500 mg/kg U SEP208998 25 ZIFT CADMIUM 7440-70-2 2774 15700 mg/kg ZIFT CADMIUM 7440-70-2 2774 15700 mg/kg ZIFT CADMIUM 7440-70-2 2774 15700 mg/kg ZIFT ZIFT CADMIUM 7440-70-2 2774 15700 mg/kg ZIFT ZIFT CADMIUM 7440-70-2 1000 4500 mg/kg ZIFT ZIFT CADMIUM 7440-70-2 1000 4500 mg/kg ZIFT ZIFT CADMIUM 7440-70-2 1000 4500 mg/kg ZIFT ZIFT CADMIUM 7440-70-2 | | | | | FT | CADMIUM | 7440-43-9 | 1 | 0.18 | mg/kg | U | V |
| P200169 SEP19898R1922 16 22 FT CADMILIM 7440-3-9 1 0.3 mg/kg U | | | | | · | | 7440-43-9 | | | ma/ka | lu | ٧ |
| F2006480 SEP228889R1213 12 13 FT CADMILIM 7440-43-9 1 0.33 mg/kg U | | | | | | L | <u> </u> | | . | | \ | V |
| P201895 SEP26989R7016 10 16 FT CADMILIM 7440-43-9 1 0.48 mg/kg U | | | | | | | | | | | | A |
| P201918 SEP30898R0915 9 15 FT CADMILIM 7440-3-9 1 | | | | | | | | | | | | |
| P210189 SEP3089BR1527 15 | | SEP2689BR1016 | | | | | | | | | | A |
| P210189 SEP3088PR2127 21 27 FT CADMILIM 7440-43-9 1 0.47 mg/kg U P21028 SEP3188PR31319 13 19 FT CALCIUM 7440-70-2 1000 29100 mg/kg CS033 BH000864RE 6 12 FT CALCIUM 7440-70-2 1000 33800 mg/kg CS033 BH000864RE 6 11 FT CALCIUM 7440-70-2 1000 33800 mg/kg CS0338 BH00078AE 18 22 FT CALCIUM 7440-70-2 1000 33800 mg/kg CS0339 BH00081AE 6 12 FT CALCIUM 7440-70-2 1000 9150 mg/kg CS0339 BH00081AE 6 12 FT CALCIUM 7440-70-2 1000 9150 mg/kg CS0339 BH00081AE 6 12 FT CALCIUM 7440-70-2 1000 9150 mg/kg CS0339 BH00081AE 6 11 FT CALCIUM 7440-70-2 1000 9150 mg/kg CS0339 BH00081AE 6 8 FT CALCIUM 7440-70-2 2274 15700 mg/kg CALCIUM 7440-70-2 1050 35800 mg/kg CALCIUM 7440-70-2 1050 35800 mg/kg CALCIUM 7440-70-2 1050 35800 mg/kg CALCIUM 7440-70-2 1050 35800 mg/kg CALCIUM 7440-70-2 1050 35800 mg/kg CALCIUM 7440-70-2 1050 35800 mg/kg CALCIUM 7440-70-2 1050 4070 mg/kg CALCIUM 7440-70-2 1050 4070 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 6530 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 135000 mg/kg CALCIUM 7440-70-2 1050 65000 mg/kg CALCIUM 7440-70-2 1050 | 210189 | SEP3089BR0915 | 9 | 15 | FT | CADMIUM | 7440-43-9 | 1 1 | | | · | V |
| P20198 SEP3089R2127 21 27 FT CADMILIM 7440-43-9 1 0.47 mg/kg J | 210189 | SEP3089BR1521 | 15 | 21 | FT | CADMIUM | 7440-43-9 | 1 | | | | Α |
| F271028 SEP3188R1319 13 19 T CADMIUM 7440-70-2 100 0 32010 mg/kg 50593 9H00064AE 6 12 FT CALCIUM 7440-70-2 1000 33500 mg/kg 05193 8H00069AE 6 11 FT CALCIUM 7440-70-2 1000 33500 mg/kg 05393 8H00081AE 6 12 FT CALCIUM 7440-70-2 1000 3210 mg/kg 05393 8H00081AE 6 12 FT CALCIUM 7440-70-2 1000 3200 mg/kg 05393 8H00081AE 6 12 FT CALCIUM 7440-70-2 1000 4530 mg/kg 05393 8H00081AE 6 12 FT CALCIUM 7440-70-2 1000 4530 mg/kg 05393 8H00081AE 6 13 FT CALCIUM 7440-70-2 1000 4530 mg/kg 141933 8H40058AE 6 8 FT CALCIUM 7440-70-2 10512 5120 mg/kg 141933 8H40058AE 6 8 FT CALCIUM 7440-70-2 10512 5120 mg/kg 14393 8H40073AE 6 11 FT CALCIUM 7440-70-2 1053 18000 mg/kg 142193 8H40091AE 16 22 FT CALCIUM 7440-70-2 1003 18000 mg/kg 142193 8H40091AE 16 22 FT CALCIUM 7440-70-2 1000 6530 mg/kg 142193 8H40091AE 16 22 FT CALCIUM 7440-70-2 1000 6530 mg/kg 142933 8H40091AE 16 22 FT CALCIUM 7440-70-2 1000 6530 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1000 35000 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1000 35000 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1100 35000 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1103 35000 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1103 35000 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1100 1500 mg/kg 140933 8H40091AE 6 8 FT CALCIUM 7440-70-2 1100 1500 mg/kg 140933 8H40026AE 6 10 FT CALCIUM 7440-70-2 1100 1500 mg/kg 140933 8H40026AE 6 10 FT CALCIUM 7440-70-2 1100 1500 mg/kg 140933 8H40026AE 6 11 FT CALCIUM 7440-70-2 1100 1500 mg/kg 142933 8H40026AE 6 11 FT CALCIUM 7440-70-2 1100 1500 mg/kg 142933 8H40026AE 6 11 FT CALCIUM 7440-70-2 1000 6700 mg/kg 142933 8H40026AE | | | : | | | | 7440-43-9 | 1 | 0.47 | mg/kg | U | V |
| 1.50033 SH00064AE 6 | | | | | | | | | | | | A |
| 05193 SH00069AE 6 | | | | | | | | <u> </u> | | | | V |
| 05393 BH00079AE 19 22 FT CALCIUM 7440-70-2 1000 32 10 mg/kg | | | | | | | | <u> </u> | | | * | J |
| 05393 SH00081AE | | | | | | | | | <u> </u> | | | V |
| 05393 BH0006AE 12 18 FT CALCIUM 7440-70-2 1000 4530 mg/kg 44593 BH40005AE 6 11 FT CALCIUM 7440-70-2 2274 15700 mg/kg 41193 BH4005SAE 6 18 FT CALCIUM 7440-70-2 1052 5120 mg/kg 41993 BH4006SAE 6 12 FT CALCIUM 7440-70-2 1052 5120 mg/kg 41993 BH4006SAE 6 11 FT CALCIUM 7440-70-2 1063 10800 mg/kg 42193 BH4009SAE 6 11 FT CALCIUM 7440-70-2 1063 10800 mg/kg 42193 BH4009SAE 10 16 FT CALCIUM 7440-70-2 1000 4070 mg/kg 42193 BH4016AE 7 10 FT CALCIUM 7440-70-2 1000 6530 mg/kg 42193 BH4016AE 7 10 FT CALCIUM 7440-70-2 1000 6530 mg/kg 40993 BH4016AE 6 8 FT CALCIUM 7440-70-2 1000 135000 mg/kg 40993 BH4019AE 6 8 FT CALCIUM 7440-70-2 1225 7100 mg/kg 40993 BH4019AE 6 12 FT CALCIUM 7440-70-2 1183 1980 mg/kg 40993 BH40206AE 6 10 FT CALCIUM 7440-70-2 1183 1980 mg/kg 40993 BH40206AE 6 10 FT CALCIUM 7440-70-2 1183 1980 mg/kg 41993 BH40206AE 10 19 FT CALCIUM 7440-70-2 1000 1560 mg/kg 41993 BH40206AE 6 10 FT CALCIUM 7440-70-2 1000 1560 mg/kg 41993 BH40266AE 6 11 FT CALCIUM 7440-70-2 1170 49900 mg/kg E 42293 BH40266AE 6 11 FT CALCIUM 7440-70-2 1170 49900 mg/kg E 42293 BH40266AE 6 11 FT CALCIUM 7440-70-2 1000 1560 mg/kg E 42293 BH40266AE 6 11 FT CALCIUM 7440-70-2 1000 2590 mg/kg E 42293 BH40266AE 6 11 FT CALCIUM 7440-70-2 1000 2590 mg/kg E 42293 BH40266AE 6 11 FT CALCIUM 7440-70-2 1000 2590 mg/kg E 42393 BH40266AE 6 11 FT CALCIUM 7440-70-2 1000 2590 mg/kg E 42393 BH40266AE 6 8 FT CALCIUM 7440-70-2 1000 2590 mg/kg E 42393 BH40266AE 6 8 FT CALCIUM 7440-70-2 1000 2590 mg/kg 42393 BH40266AE 6 8 FT CALCIUM 7440-70-2 1000 2590 mg/kg 42393 BH4026AE 6 8 FT CALCI | | | | | | | | | | | <u> </u> | |
| 44593 BH40005AE | 5393 | BH00081AE | | | FT | | | | | | | V |
| Hard | 05393 | BH00084AE | 12 | 18 | FT | CALCIUM | 7440-70-2 | 1000 | | | 1 | V |
| Harring Bh40052AE | 14593 | BH40005AE | 6 | 11 | FT | CALCIUM | 7440-70-2 | 2274 | 15700 | mg/kg | į | V |
| Hand | | | | | | | 7440-70-2 | 1052 | 5120 | mg/kg | | ٧ |
| 43893 BH40073AE | | | | | | | | | | | l | V |
| 42193 BH40086AE | | | | | | | · | | | | | V |
| 42193 BH40091AE | | | | | | | | | I | | | V |
| 42993 BH40144AE | | | | | - | | | | | | | <u> </u> |
| Hard | 12193 | BH40091AE | 16 | 22 | FT | | | | | | | V |
| Hard | 12993 | BH40144AE | 7 | 10 | FT | CALCIUM | 7440-70-2 | 2195 | 38900 | mg/kg | <i>i</i> | V |
| HAD170AE 6 8 FT CALCIUM 7440-70-2 1225 7100 mg/kg 14893 BH40191AE 6 12 FT CALCIUM 7440-70-2 1183 1980 mg/kg 140993 BH4020AE 6 10 FT CALCIUM 7440-70-2 1000 1550 mg/kg 140993 BH40220AE 6 10 FT CALCIUM 7440-70-2 1000 1150 mg/kg 141993 BH40220AE 6 12 FT CALCIUM 7440-70-2 1170 45900 mg/kg 141993 BH40220AE 6 11 FT CALCIUM 7440-70-2 1170 45900 mg/kg 141993 BH40256AE 6 11 FT CALCIUM 7440-70-2 1174 112000 mg/kg 142293 BH40256AE 6 11 FT CALCIUM 7440-70-2 1000 67600 mg/kg 142293 BH40256AE 11 13 FT CALCIUM 7440-70-2 1000 67600 mg/kg 142393 BH40256AE 6 8 FT CALCIUM 7440-70-2 1119 1050 mg/kg 1842393 BH4026AAE 6 8 FT CALCIUM 7440-70-2 1119 1050 mg/kg 184393 BH40309AE 6 11 FT CALCIUM 7440-70-2 1100 11000 mg/kg 184393 BH40309AE 6 11 FT CALCIUM 7440-70-2 1140 1630 mg/kg 14393 BH40335AE 6 12 FT CALCIUM 7440-70-2 1000 5910 mg/kg 143993 BH40335AE 6 12 FT CALCIUM 7440-70-2 1000 5910 mg/kg 143993 BH40351AE 6 10 FT CALCIUM 7440-70-2 1000 1290 mg/kg 143993 BH40351AE 6 10 FT CALCIUM 7440-70-2 1000 1290 mg/kg 145993 BH40351AE 6 10 FT CALCIUM 7440-70-2 1000 1290 mg/kg 145993 BH4036AE 8 13 FT CALCIUM 7440-70-2 1000 1290 mg/kg 145993 BH4036AE 8 13 FT CALCIUM 7440-70-2 1000 1000 1000 mg/kg 145993 BH40416AE 8 13 FT CALCIUM 7440-70-2 1000 5910 mg/kg 145993 BH4036AE 6 8 FT CALCIUM 7440-70-2 1000 5000 mg/kg 145993 BH4036AE 6 8 FT CALCIUM 7440-70-2 1000 5000 mg/kg 145993 BH4046AE 8 13 FT CALCIUM 7440-70-2 1000 5000 mg/kg 145993 BH4046AE 8 13 FT CALCIUM 7440-70-2 1000 5000 mg/kg 145993 BH40643AE 8 10 FT CALCIUM 7440-70-2 1000 3000 mg/kg 145993 BH40643AE 8 10 FT CALCIUM 7440- | 10793 | BH40160AE | 6 | 8 | FT | CALCIUM | 7440-70-2 | 1000 | 135000 | mg/kg | 1 | V |
| Hard | | | | | FT | CALCIUM | 7440-70-2 | 1225 | 7100 | mg/kg | | V |
| 40993 BH40204AE | | | · | | <u> </u> | | | | | | | V |
| Head | | | | | | | | | | | | V |
| Hard | | | | | | 1 | | <u> </u> | | | | V |
| A1793 | | | | | | | | | | | | |
| 42293 BH40256AE 6 | | BH40220AE | | | | | | · | | | + | J |
| 42293 BH40258AE | 41793 | BH40246AE | 6 | 11 | FT | | 7440-70-2 | 1114 | 112000 | mg/kg | E | J |
| 42293 BH40258AE | 42293 | BH40256AE | 6 | 11 | FT | CALCIUM | | 1000 | 67600 | mg/kg | • | J |
| 42393 BH40264AE 6 | | | | | FT | CALCIUM | 7440-70-2 | 1000 | 2590 | mg/kg | * | J |
| A2593 BH40290AE | · | | | ` | | | | | | | В | V |
| 43193 BH40309AE 6 | | | | · | · | / | | | | | | V |
| A3393 BH40324AE | | | | | | <u> </u> | | | | | | J |
| 43793 BH40335AE 6 12 FT CALCIUM 7440-70-2 1000 1290 mg/kg | | | | | | <u> </u> | | | | | [= | |
| Hard | | | | · | | | | | | | | V |
| 45893 BH40380AE 6 | | | | | FT | | | | | | | V . |
| 45893 BH40380AE 6 | 44093 | BH40351AE | 6 | 10 | FT | CALCIUM | | 1070 | 6020 | mg/kg | ĮE | J |
| 45893 BH40382AE 9 | | | | | FT | CALCIUM | 7440-70-2 | 1000 | 2170 | mg/kg | | V |
| Hard | | | | | | | | | | | | V |
| A0993 BH40415AE 20 29 FT CALCIUM 7440-70-2 1000 2220 mg/kg | | | | | | | | | | | | V |
| A0993 BH40416AE 31 35 FT CALCIUM 7440-70-2 1000 5200 mg/kg 141593 BH40424AE 6 | | | | | | | | | | | | V |
| A1593 BH40424AE 6 | | | | | | | | | | | | |
| 42193 BH40430AE 22 28 FT CALCIUM 7440-70-2 1000 4580 mg/kg 42193 BH40432AE 6 10 FT CALCIUM 7440-70-2 1000 3270 mg/kg 42193 BH40433AE 28 31 FT CALCIUM 7440-70-2 1000 5010 mg/kg 42493 BH40445AE 8 10 FT CALCIUM 7440-70-2 1000 33000 mg/kg 42593 BH40450AE 8 10 FT CALCIUM 7440-70-2 1000 41800 mg/kg 43693 BH40521AE 6 8 FT CALCIUM 7440-70-2 1000 4270 mg/kg 43693 BH40522AE 8 10 FT CALCIUM 7440-70-2 1000 1120 mg/kg 43693 BH40525AE 10 13 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>V</td> | | | | | | | | | | | 1 | V |
| 42193 BH40432AE 6 10 FT CALCIUM 7440-70-2 1000 3270 mg/kg 42193 BH40433AE 28 31 FT CALCIUM 7440-70-2 1000 5010 mg/kg 42493 BH40445AE 8 10 FT CALCIUM 7440-70-2 1000 33000 mg/kg 42593 BH40450AE 8 10 FT CALCIUM 7440-70-2 1000 41800 mg/kg 43693 BH40521AE 6 8 FT CALCIUM 7440-70-2 1000 4270 mg/kg 43693 BH40525AE 8 10 FT CALCIUM 7440-70-2 1000 1120 mg/kg 43693 BH40525AE 10 13 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | 41593 | BH40424AE | | | FT | | | | 1 | | - | J |
| 42193 BH40432AE 6 10 FT CALCIUM 7440-70-2 1000 3270 mg/kg 42193 BH40433AE 28 31 FT CALCIUM 7440-70-2 1000 5010 mg/kg 42493 BH40445AE 8 10 FT CALCIUM 7440-70-2 1000 33000 mg/kg 42593 BH40450AE 8 10 FT CALCIUM 7440-70-2 1000 41800 mg/kg 43693 BH40521AE 6 8 FT CALCIUM 7440-70-2 1000 4270 mg/kg 43693 BH40525AE 8 10 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 4210 mg/kg | 42193 | BH40430AE | 22 | 28 | FT | CALCIUM | 7440-70-2 | 1000 | | | | V |
| 42193 BH40433AE 28 31 FT CALCIUM 7440-70-2 1000 5010 mg/kg 42493 BH40445AE 8 10 FT CALCIUM 7440-70-2 1000 33000 mg/kg 42593 BH40450AE 8 10 FT CALCIUM 7440-70-2 1000 41800 mg/kg 43693 BH40521AE 6 8 FT CALCIUM 7440-70-2 1000 4270 mg/kg 43693 BH40525AE 8 10 FT CALCIUM 7440-70-2 1000 1120 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | | | | | FT | CALCIUM | 7440-70-2 | 1000 | 3270 | mg/kg | | V |
| 42493 BH40445AE 8 10 FT CALCIUM 7440-70-2 1000 33000 mg/kg 42593 BH40450AE 8 10 FT CALCIUM 7440-70-2 1000 41800 mg/kg 43693 BH40521AE 6 8 FT CALCIUM 7440-70-2 1000 4270 mg/kg 43693 BH40525AE 8 10 FT CALCIUM 7440-70-2 1000 1120 mg/kg 43693 BH40525AE 10 13 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | | | | | | | | | | <u> </u> | | V |
| A2593 BH40450AE 8 10 FT CALCIUM 7440-70-2 1000 41800 mg/kg 43693 BH40521AE 6 8 FT CALCIUM 7440-70-2 1000 4270 mg/kg 43693 BH40522AE 8 10 FT CALCIUM 7440-70-2 1000 1120 mg/kg 43693 BH40525AE 10 13 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | | | | | | | | | | | | V |
| 43693 BH40521AE 6 | | | | | | | | | | | | V |
| 43693 BH40522AE 8 10 FT CALCIUM 7440-70-2 1000 1120 mg/kg 43693 BH40525AE 10 13 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | | | | | | | | | | | | |
| 43693 BH40525AE 10 13 FT CALCIUM 7440-70-2 1000 13800 mg/kg 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | | | | | <u> </u> | · · · · · · · · · · · · · · · · · · · | | | | | | V |
| 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | 43693 | BH40522AE | | | FT | CALCIUM | <u> </u> | | | | <u> </u> | V |
| 46593 BH40711AE 9 11 FT CALCIUM 7440-70-2 1000: 4650 mg/kg 46593 BH40713AE 11 16 FT CALCIUM 7440-70-2 1000: 4210 mg/kg 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000: 1500 mg/kg | 43693 | BH40525AE | 10 |) 13 | FT | CALCIUM | 7440-70-2 | 1000 | 1 | | | V |
| 46593 BH40713AE | | | | | | CALCIUM | 7440-70-2 | 1000 | 4650 | mg/kg | ! | V |
| 46693 BH40726AE 7 8 FT CALCIUM 7440-70-2 1000 1500 mg/kg | | | | | | | | | | | | V |
| 10000 | | | | | | | | | | | T T | V |
| (40093 DM4U(20AE 9) 101F1 (CALCIUM (440-10-2 1000) 42/0/mg/kg | | | | | | | | | | | | V |
| 110000 | | | | | | | | | | | 1 | |
| 46793 BH40740AE 6 8 FT CALCIUM 7440-70-2 1000 328000 mg/kg i* | 46793 | BH40740AE | 1 6 | <u> </u> | SIF I | JUALCIUM | /440-70-2 | 1000 | 328000 | ı mg/kg | <u> </u> | IJ |



| | | | = | | | | urfa en Salla Co | | - <i>6</i> F4 | Matela | |
|--|--------------------------------|---------|--|-------------|------------------|--|------------------|--------|---|--|------------|
| 18 1 19 1 | Table A.9 Sola | 4.93 | ration Po | nd AOC | - Analytical Res | ults for Subsi | Inace Soils G | | | - metals | 3 m |
| LOCATION | | DEPTH | DEPTH | UNIT | | ************************************** | DETECTION | | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END | CODE | ANALYTE | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| Action of the second se | BH40742AE | 8 | Militaria de la composition della composition de | FT | CALCIUM | 7440-70-2 | 1000 | 11500 | mg/kg | HELDER OF COMPANY PROCESSES AND CONTRACT OF CONTRACT O | J |
| 46893 | BH40748AE | 7 | 9 | FT | CALCIUM | 7440-70-2 | 1000 | | mg/kg | | V |
| 46893 | BH40749AE | 9 | 11 | FT | CALCIUM | 7440-70-2 | 1000 | | mg/kg | | V |
| 46893 | BH40754AE | 12 | | FT | CALCIUM | 7440-70-2 | 1000 | | mg/kg | | V |
| | BH40768AE | 6 | | FT | CALCIUM | 7440-70-2 | 1000 | | mg/kg | | V |
| | BH40770AE | 7 | | FT | CALCIUM | 7440-70-2 | 1000 | | mg/kg | | V |
| | BH40776AE | 7 | | FT | CALCIUM | 7440-70-2 | 5000 2000 | | mg/kg | | J A |
| | SEP0389BR0915 | 9 15 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg mg/kg | | A |
| <u> </u> | SEP0389BR1521 SEP1689BR1016 | 10 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | A |
| | SEP1789BR0915 | 9 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | V |
| | SEP1889BR1218 | 12 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | v |
| | SEP1889BR1824 | 18 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | v · |
| | SEP1989BR1016 | 10 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | A |
| | SEP1989BR1622 | 16 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | Α |
| | SEP2289BR0912 | 9 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | Α |
| | SEP2289BR1213 | 12 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | A |
| | SEP2289BR1416 | 14 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | Α |
| | SEP2289BR1621 | 16 | 21 | FT | CALCIUM | 7440-70-2 | 2000 | 5150 | mg/kg | | Α |
| P209589 | SEP2389BR1015 | 10 | 14 | FT | CALCIUM | 7440-70-2 | 2000 | 3570 | mg/kg | | Α |
| P209889 | SEP2689BR1016 | 10 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | V |
| P210189 | SEP3089BR0915 | 9 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | A |
| | SEP3089BR1521 | 15 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | Α |
| | SEP3089BR2127 | 21 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | A |
| <u> </u> | SEP3189BR0713 | 7 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | | V |
| | SEP3189BR1319 | 13 | | FT | CALCIUM | 7440-70-2 | 2000 | | mg/kg | (| V |
| | BH00064AE | 6 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH00069AE | 6 | | FT | CESIUM | 7440-46-2 | 500 500 | | mg/kg | U | J |
| | BH00079AE BH00081AE | 18 6 | | FT | CESIUM | 7440-46-2 | 500 | | | U | J |
| | BH00081AE | 12 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | UN | J |
| | BH40005AE | 6 | | FT | CESIUM | 7440-46-2 | 227.4 | | | U | J |
| | BH40052AE | 6 | <u> </u> | | ICESIUM | 7440-46-2 | 210 | | | U | J |
| | BH40065AE | 6 | | FT | CESIUM | 7440-46-2 | 230 | | | Ū | J |
| | BH40073AE | 6 | | FT | CESIUM | 7440-46-2 | 213 | | | U | j |
| | BH40086AE | 10 | | FT | CESIUM | 7440-46-2 | 500 | | | U | J |
| | BH40091AE | 16 | | FT | CESIUM | 7440-46-2 | 500 | | | U | J |
| 42993 | BH40144AE | 7 | 10 | FT | CESIUM · | 7440-46-2 | 220 | 110 | mg/kg | U | J |
| 40793 | BH40160AE | 6 | . 8 | FT | CESIUM | 7440-46-2 | 500 | 120 | mg/kg | UN | J |
| 40093 | BH40170AE | 6 | 8 | FT | CESIUM | 7440-46-2 | 245 | | , , , , , , , , , , , , , , , , , , , | U | J |
| 44893 | BH40191AE | 6 | 12 | FT | CESIUM | 7440-46-2 | 237 | | mg/kg | U | J |
| | BH40204AE | 6 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40206AE | 10 | | | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40220AE | 6 | | FT | CESIUM | 7440-46-2 | 234 | | mg/kg | | J |
| | BH40246AE | 6 | | FT | CESIUM | 7440-46-2 | 223 | | mg/kg | | J |
| | BH40256AE | 6 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40258AE | 11 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40264AE | 6 | | FT | CESIUM | 7440-46-2 | 212 | | mg/kg | | J |
| | BH40290AE BH40309AE | 10 6 | | FT | CESIUM | 7440-46-2 7440-46-2 | 500 228 | | mg/kg mg/kg | | J |
| | BH40324AE | 8 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40335AE | 6 | | FT. | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40351AE | 6 | | FT | CESIUM | 7440-46-2 | 214 | | mg/kg | | J |
| | BH40380AE | 6 | | FT | CESIUM | 7440-46-2 | 500 | | | | J |
| | BH40382AE | 9 | | FT | CESIUM | 7440-46-2 | 500 | | | | J |
| | BH40414AE | 8 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | · · · · · · · · · · · · · · · · · · · | J |
| | BH40415AE | 20 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40416AE | 31 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40424AE | 6 | , | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40430AE | 22 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | BH40432AE | 6 | | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| 42193 | BH40433AE | 28 | 31 | FT | CESIUM | 7440-46-2 | 500 | | mg/kg | | J |
| | DUILOGAEAE | 8 | 10 | FT | CESIUM | 7440-46-2 | 500 | 119 | mg/kg | U | J |
| 42493 | BH40445AE | | | | | | | | | | |
| 42493 42593 | BH40450AE BH40521AE | 8 | 10 | FT | CESIUM | 7440-46-2 7440-46-2 | 500 500 | 120 | | UN | J |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB VALIDATION LOCATION DEPTH DEPTH UNIT DETECTION RESULT CAS NO RESULT UNITS QUALIFIER QUALIFIER SAMPLE NUMBER | START | END | CODE ANALYTE *LIMIT CODE 500 105 mg/kg | U 43693 BH40522AE 10 FT CESIUM 7440-46-2 7440-46-2 500 120 mg/kg UN J BH40525AE 10 13 FT **!CESIUM** 43693 46593 BH40711AE 9 11 FT CESIUM 7440-46-2 200 14.3 mg/kg U J 16 FT 7440-46-2 200 15.3 mg/kg U J CESIUM 46593 BH40713AE 11 46693 BH40726AE 7 8 FT **ICESIUM** 7440-46-2 200 15.3 mg/kg U IJ 7440-46-2 15.3 mg/kg U 200 IJ 46693 BH40728AE 9 15|FT CESIUM 7440-46-2 J 46793 BH40740AE 6 8 FT CESIUM 200 15.4 mg/kg IJ 14.4 mg/kg U 7440-46-2 200 46793 BH40742AE 8 15 FT CESIUM 7440-46-2 27.5 mg/kg U 46893 BH40748AE 7 9 FT CESIUM 200 J 7440-46-2 200 23.9 mg/kg | U 46893 BH40749AE 9 11 FT CESIUM J 7440-46-2 46893 BH40754AE 12 12 FT CESIUM 200 22.1 mg/kg U J 17.6 mg/kg U J 46993 BH40768AE 6 7 FT CESIUM 7440-46-2 200 7 13 FT CESIUM 7440-46-2 200 19.2 mg/kg U J 46993 BH40770AF 47093 BH40776AE 7 9;FT CESIUM 7440-46-2 1000 14.3 mg/kg U J 15 FT 7440-46-2 200 251 mg/kg U V P207589 SEP0389BR0915 9 CESIUM P207589 21|FT CESIUM 7440-46-2 200 233 mg/kg ĪŪ ĪV SEP0389BR1521 15 V 15 FT 7440-46-2 200 1870 mg/kg SEP1689BR1016 10 **ICESIUM** P208889 15 FT CESIUM 7440-46-2 200 2370 mg/kg V P208989 SEP1789BR0915 9 P209089 SEP1889BR1218 12 18 FT CESIUM 7440-46-2 200 243 mg/kg U V 231 mg/kg | U 200 V P209089 SEP1889BR1824 18 24 FT CESIUM 7440-46-2 P209189 SEP1989BR1016 10 16 FT CESIUM 7440-46-2 200 230 mg/kg UJ A P209189 SEP1989BR1622 16 22 FT CESIUM 7440-46-2 200 243 mg/kg UJ A V P209489 SEP2289BR0912 9 12! FT CESIUM 7440-46-2 200 229 mg/kg | U P209489 SEP2289BR1213 12 13 FT CESIUM 7440-46-2 200 220 mg/kg | U ĪV P209489 SEP2289BR1416 14 16 FT CESIUM 7440-46-2 200 220 mg/kg | U IV P209489 SEP2289BR1621 21 FT CESIUM 7440-46-2 200 226 mg/kg | U īV 16 P209589 SEP2389BR1015 10 14 FT CESIUM 7440-46-2 200 226 mg/kg U IV 2410 mg/kg CESIUM 7440-46-2 200 P209889 SEP2689BR1016 10 16 FT IA P210189 SEP3089BR0915 9 15 FT CESIUM 7440-46-2 200 186 mg/kg | U V 21 FT 7440-46-2 200 228 mg/kg U V CESIUM P210189 SEP3089BR1521 15 P210189 SEP3089BR2127 21 27 FT CESIUM 7440-46-2 200 214 mg/kg | U V ٧ 7440-46-2 200 CESIUM 236 mg/kg U P210289 SEP3189BR0713 7 13!FT IV P210289 SEP3189BR1319 13 19 FT CESIUM 7440-46-2 200 242 mg/kg | U 10 IJ 05093 BH00064AE 6 12 FT CHROMIUM 7440-47-3 7 mg/kg 7440-47-3 05193 BH00069AE 6 11 FT CHROMIUM 10 7.5 mg/kg | N J 05393 BH00079AE 18 22 FT CHROMIUM 7440-47-3 10 8 mg/kg J 14.1 mg/kg 05393 BH00081AE 12 FT CHROMIUM 7440-47-3 10 J 6 05393 BH00084AE 12 18 FT CHROMIUM 7440-47-3 10 15.3 mg/kg IJ ĪV 44593 BH40005AE 6 11 FT CHROMIUM 7440-47-3 2.3 9 mg/kg 41193 BH40052AE 6 8 FT CHROMIUM 7440-47-3 2 9 mg/kg |* IV **ICHROMIUM** 7440-47-3 2 V 41993 BH40065AF 6 12 FT 5.1 mg/kg 43893 BH40073AE 6 11 FT CHROMIUM 7440-47-3 2 17.8 mg/kg IV 16 FT 7440-47-3 īV 10 CHROMIUM 10 7.8 mg/kg 42193 BH40086AE 22 FT 7440-47-3 V 42193 BH40091AE 16 CHROMIUM 10 14 mg/kg 10 FT 42993 BH40144AE 7 CHROMIUM 7440-47-3 2 8.5 mg/kg V 7440-47-3 6.5 mg/kg V 40793 BH40160AE 6 8 FT CHROMIUM 10 40093 BH40170AE 6 8 FT CHROMIUM 7440-47-3 2 13.4 mg/kg iV 9.3 mg/kg 44893 BH40191AE 6 12 FT CHROMIUM 7440-47-3 2 V 40993 BH40204AE 6 10 FT CHROMIUM 7440-47-3 10 6.1 mg/kg V 7.6 mg/kg 40993 10 19 FT CHROMIUM 7440-47-3 10 V BH40206AF 41693 BH40220AE 6 12 FT CHROMIUM 7440-47-3 2 34.4 mg/kg N IJ 6 11|FT CHROMIUM 7440-47-3 2 10 mg/kg N IJ 41793 BH40246AE 42293 BH40256AE 6 11|FT CHROMIUM 7440-47-3 10 19.6 mg/kg | N J CHROMIUM 7440-47-3 15.9 mg/kg N 42293 BH40258AE 13 FT 10 11 J 42393 BH40264AE 6 8 FT CHROMIUM 7440-47-3 5.6 mg/kg V 17 FT CHROMIUM 7440-47-3 10 V 42593 10 14.1 mg/kg BH40290AE 43193 BH40309AE 6 11 FT CHROMIUM 7440-47-3 2 9.8 mg/kg | N IJ 13 FT 7440-47-3 10 13.2 mg/kg V CHROMIUM 43393 BH40324AE 8 43793 BH40335AE 6 12 FT CHROMIUM 7440-47-3 10 13.7 mg/kg IV 10 FT J 2 10.5 mg/kg N 44093 BH40351AE 6 CHROMIUM 7440-47-3 9 FT 7440-47-3 V 45893 BH40380AE 6 CHROMIUM 10 8.9 mg/kg v 45893 BH40382AE 9 18 FT CHROMIUM 7440-47-3 10 10.2 mg/kg 7.5 mg/kg 40793 BH40414AE 8 13 FT CHROMIUM 7440-47-3 10 IV 40993 BH40415AE 20 29 FT CHROMIUM 7440-47-3 10 11.8 mg/kg

490

40993

BH40416AE

31

35 FT

7440-47-3

CHROMIUM

13.4 mg/kg

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB solte si DEPTH DEPTH UNIT VALIDATION LOCATION DETECTION RESULT CODE SAMPLE NUMBER | START END CODE ANALYTE CAS NO LIMIT RESULT | UNITS | QUALIFIER | QUALIFIER 41593 BH40424AE CHROMIUM 6 8FT 7440-47-3 10 6.8 mg/kg N 42193 BH40430AE 22 28 FT CHROMIUM 7440-47-3 10 9.9 mg/kg ĪV 42193 BH40432AE 6 10 FT CHROMIUM 7440-47-3 10 5.8 mg/kg 42193 BH40433AE 28 31!FT CHROMIUM 7440-47-3 10 IV 12.6 mg/kg 42493 BH40445AE 8 10 FT CHROMIUM 7440-47-3 10 V 11.2 mg/kg 42593 BH40450AE 8 10 FT CHROMIUM 7440-47-3 10 V 8.1 mg/kg 43693 BH40521AE 6 8 FT CHROMIUM 7440-47-3 10 15.2 mg/kg Īν 43693 BH40522AE 10 FT CHROMIUM 7440-47-3 8 10 21.5 mg/kg IV 43693 BH40525AE 10 13 FT CHROMIUM 7440-47-3 17.3 mg/kg 10 IV BH40711AE 46593 9 11 FT CHROMIUM 7440-47-3 2 9.2 mg/kg īV 46593 BH40713AE 10.2 mg/kg 11 16 FT CHROMIUM 7440-47-3 ĪV 2 46693 BH40726AE 7 8 FT CHROMIUM 7440-47-3 2 IV 6.3 mg/kg 46693 BH40728AE 9 15 FT CHROMIUM 7440-47-3 2 6.1!mg/kg IV 46793 BH40740AE 6 8 FT CHROMIUM 7440-47-3 2 4.7 mg/kg V 46793 BH40742AE 8 15 FT CHROMIUM 7440-47-3 V 2 10.2 mg/kg 46893 BH40748AE 7 9 FT CHROMIUM 7440-47-3 6.6 mg/kg V 46893 BH40749AE 9 11|FT CHROMIUM 7440-47-3 2 3.7 mg/kg U J 46893 BH40754AE 12 12 FT CHROMIUM 7440-47-3 2 5.1 mg/kg | U J 46993 BH40768AE 7 FT CHROMIUM 6 7440-47-3 2 3.5 mg/kg U IJ 46993 BH40770AE 7 13 FT CHROMIUM 7440-47-3 2 2.7 mg/kg | U J 47093 BH40776AE 7 9FT CHROMIUM 7440-47-3 10 13.3 mg/kg V P207589 SEP0389BR0915 9 15 FT CHROMIUM 7440-47-3 2 11.4 mg/kg İΑ P207589 SEP0389BR1521 15 21 FT CHROMIUM 7440-47-3 2 10.1 mg/kg A P208889 SEP1689BR1016 10 15 FT CHROMIUM 7440-47-3 2 5.3 mg/kg A P208989 SEP1789BR0915 9 15 FT CHROMIUM 7440-47-3 2 5.2 mg/kg A P209089 SEP1889BR1218 12 18|FT CHROMIUM 7440-47-3 2 8 mg/kg V P209089 SEP1889BR1824 18 24|FT CHROMIUM 7440-47-3 4.6 mg/kg 2 A P209189 SEP1989BR1016 10 16 FT CHROMIUM 7440-47-3 2 5.9 mg/kg IA P209189 SEP1989BR1622 16 22 FT 7440-47-3 CHROMIUM 2 9.5 mg/kg V SEP2289BR0912 12|FT P209489 q CHROMIUM 7440-47-3 2 4.8 mg/kg Α P209489 SEP2289BR1213 13 FT 12 CHROMIUM 7440-47-3 2 4.4 mg/kg A P209489 SEP2289BR1416 14 16 FT CHROMIUM 7440-47-3 2 4.6 mg/kg Α P209489 SEP2289BR1621 16 21 FT CHROMIUM 7440-47-3 2 3.8 mg/kg A P209589 SEP2389BR1015 10 14 FT CHROMIUM 7440-47-3 6.8 mg/kg Α P209889 SEP2689BR1016 10 16 FT CHROMIUM 7440-47-3 2 7.7 mg/kg IV P210189 SEP3089BR0915 9 15 FT CHROMIUM 7440-47-3 7.6 mg/kg 2 ĪV P210189 SEP3089BR1521 15 21 FT CHROMIUM 7440-47-3 27.1 mg/kg 2 V P210189 SEP3089BR2127 27 FT CHROMIUM 21 7440-47-3 11.6 mg/kg V 2 P210289 SEP3189BR0713 13 FT 7 CHROMIUM 7.2 mg/kg 7440-47-3 2 V P210289 SEP3189BR1319 13 19 FT CHROMIUM 7440-47-3 2 7.5 mg/kg V 05093 BH00064AE 6 12 FT COBALT 7440-48-4 10 V 3.8 mg/kg | B 05193 BH00069AE 6 11 FT COBALT 7440-48-4 10 IV 4.1 mg/kg | B 05393 BH00079AE 18 22 FT COBALT 7440-48-4 10 2.7 mg/kg | B .V 05393 BH00081AE 6 12 FT COBALT 7440-48-4 10 2.4 mg/kg | U IV 05393 BH00084AE 12 18 FT COBALT 7440-48-4 8.6 mg/kg | B 10 V 44593 BH40005AE 6 11|FT COBALT 7440-48-4 11.4 5 mg/kg B V 41193 BH40052AE 8 FT 13.7 mg/kg 6 COBALT 7440-48-4 IV 11 12 FT 41993 BH40065AE 6 COBALT 7440-48-4 12 V 2.3 mg/kg | U 43893 BH40073AE 11 FT 6 COBALT 7440-48-4 11 9.8 mg/kg | B IV 42193 BH40086AE 10 16 FT COBALT 7440-48-4 10 7.2 mg/kg | B V 42193 BH40091AE 16 22 FT COBALT 7440-48-4 10 7.4 mg/kg | B IV 42993 BH40144AE 7 10 FT COBALT 7440-48-4 2.6 mg/kg | B 11 V 40793 BH40160AE 6 8 FT COBALT 7440-48-4 10 5.4 mg/kg | B IV 40093 BH40170AE 6 8 FT COBALT 7440-48-4 12 5.4 mg/kg B V 44893 BH40191AE 12 FT 6 **ICOBALT** 7440-48-4 12 3.5 mg/kg | B !V 40993 BH40204AE 6 10 FT COBALT 7440-48-4 11.8 mg/kg 10 IV 40993 BH40206AE 19 FT 10 COBALT 7440-48-4 10 4.4 mg/kg B IV 41693 BH40220AE 12 FT 6 COBALT 7440-48-4 12 9.9 mg/kg |B V 41.793 BH40246AE 6 11 FT COBALT 2.2 mg/kg U 7440-48-4 11 V 42293 BH40256AE 6 11 FT COBALT 7440-48-4 10 6.4 mg/kg | B ٧ 42293 13 FT BH40258AE 11 COBALT 7440-48-4 10 V 6.7 mg/kg B 42393 BH40264AE 6 8 FT COBALT 7440-48-4 11 3.5 mg/kg | B V 42593 BH40290AE 10 17 FT COBALT 7440-48-4 10 IV 8.4 mg/kg | B 43193 BH40309AE 6 11 FT COBALT 7440-48-4 11 4.4 mg/kg | B V 43393 BH40324AE 8 13 FT COBALT 7440-48-4 11.1 mg/kg | B 10 ١V

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals PAR VALIDATION DETECTION LOCATION DEPTH DEPTH UNIT RESULT CAS NO SAMPLE NUMBER ANALYTE RESULT UNITS QUALIFIER QUALIFIER CODE START END CODE LIMIT COBALT 43793 BH40335AF 12 FT 7440-48-4 10 17.3 mg/kg 44093 BH40351AE 10 FT COBALT 7440-48-4 11 5.8 mg/kg | B 6 īV 45893 BH40380AE 6 9 FT COBALT 7440-48-4 10 6.7 mg/kg | B BH40382AE 18 FT 7440-48-4 6.2 mg/kg | B V 45893 9 COBALT 10 40793 BH40414AE 8 13 FT COBALT 7440-48-4 10 7.8 mg/kg | B īv 40993 BH40415AE 20 29 FT COBALT 7440-48-4 10 8.2 mg/kg | B W 35 FT 40993 BH40416AE 31 COBALT 7440-48-4 10 7.7 mg/kg | B 41593 BH40424AE 8 FT COBALT 7440-48-4 6 10 2.4 mg/kg | U V 42193 BH40430AE 22 28 FT COBALT 7440-48-4 10 7.5 mg/kg | B v 42193 BH40432AE 10 FT 7440-48-4 6 COBALT 10 3.1 mg/kg | B V 33.8 mg/kg 42193 BH40433AE 28 31 FT COBALT 7440-48-4 10 V BH40445AE 7440-48-4 42493 8 10 FT COBALT 10 6.8 mg/kg B W 10 FT 42593 BH40450AE 8 COBALT 7440-48-4 10 6 mg/kg B 43693 BH40521AE 6 8 FT COBALT 7440-48-4 10 2.9 mg/kg | B W 43693 BH40522AE 8 10 FT COBALT 7440-48-4 10 13.7 mg/kg V 43693 BH40525AE 10 13 FT COBALT 7440-48-4 10 23.9 mg/kg IV 9.5 mg/kg | B 46593 BH40711AE 9 11 FT COBALT 7440-48-4 10 V 46593 BH40713AE 11 16 FT COBALT 7440-48-4 10 J 5.8 mg/kg U 46693 BH40726AE 8 FT COBALT 7440-48-4 10 2.1 mg/kg | U IJ 46693 BH40728AE 15 FT COBALT 7440-48-4 10 9.4 mg/kg | B 9 46793 BH40740AE 6 7440-48-4 8 FT COBALT 10 0.73 mg/kg | U W 46793 BH40742AE 15 FT COBALT 7440-48-4 10 8 6.9 mg/kg | B IV BH40748AE 46893 7 9 FT COBALT 7440-48-4 10 4.4 mg/kg | B īv 7440-48-4 46893 BH40749AE 6.9 mg/kg B 9 11 FT COBALT 10 V 46893 BH40754AE 12 FT 12 COBALT 7440-48-4 10 2.6 mg/kg | B IV 46993 BH40768AE 7440-48-4 6 7 FT COBALT 10 5.2 mg/kg | B ٧ 46993 BH40770AE 7 13 FT COBALT 7440-48-4 10 1.5 mg/kg B IV 47093 BH40776AE 9 FT COBALT 7440-48-4 50 V 4 mg/kg B P207589 SEP0389BR0915 9 15 FT COBALT 7440-48-4 10 17.9 mg/kg Α P207589 SEP0389BR1521 15 21|FT COBALT 7440-48-4 10 V 4.6 mg/kg | U SEP1689BR1016 P208889 10 15 FT COBALT 7440-48-4 10 4.8 mg/kg | J Α P208989 SEP1789BR0915 9 15 FT COBALT 7440-48-4 10 3.4 mg/kg | J IA P209089 SEP1889BR1218 12 18 FT COBALT 7440-48-4 10 18 mg/kg U īv COBALT P209089 SEP1889BR1824 24 FT 7440-48-4 18 10 3.5 mg/kg | J A P209189 SEP1989BR1016 10 16 FT COBALT 7440-48-4 10 4 mg/kg UJ P209189 SEP1989BR1622 7440-48-4 16 22 FT COBALT 10 8.1 mg/kg | U ĪV 12 FT P209489 SEP2289BR0912 9 COBALT 7440-48-4 10 5.1 mg/kg | J IA SEP2289BR1213 13 FT P209489 12 7440-48-4 COBALT 10 7.5 mg/kg | J Α P209489 SEP2289BR1416 14 16 FT COBALT 7440-48-4 10 5.9 mg/kg J ĪA P209489 SEP2289BR1621 16 21 FT 7440-48-4 COBALT 10 2.8 mg/kg J IA 8.6 mg/kg | J P209589 SEP2389BR1015 10 14 FT COBALT 7440-48-4 10 IA SEP2689BR1016 P209889 10 16 FT COBALT 7440-48-4 10 7.3 mg/kg J A P210189 SEP3089BR0915 9 15 FT COBALT 7440-48-4 10 1.8 mg/kg |B V P210189 SEP3089BR1521 15 21 FT COBALT 7440-48-4 10 8.2 mg/kg B V P210189 SEP3089BR2127 21 27 FT COBALT 7440-48-4 10 V 6.8 mg/kg | B P210289 SEP3189BR0713 13 FT COBALT 7440-48-4 10 6.4 mg/kg J A P210289 SEP3189BR1319 13 19 FT COBALT 7440-48-4 10 8.4 mg/kg | J ĪΑ 05093 BH00064AE 6 12 FT COPPER 7440-50-8 10 7.4 mg/kg 05193 BH00069AE 6 11 FT COPPER 7440-50-8 10 īv 5.6 mg/kg 05393 BH00079AE 18 22 FT COPPER 7440-50-8 11.7 mg/kg 10 V 05393 BH00081AE COPPER 6 12 FT 7440-50-8 10 16.8 mg/kg īv 22.6 mg/kg 05393 BH00084AE 18 FT 12 COPPER 7440-50-8 10 V BH40005AE 44593 11 FT COPPER 7440-50-8 6 5.7 8.3 mg/kg V 41193 BH40052AE 6 8 FT COPPER 7440-50-8 V 5 8.5 mg/kg 41993 BH40065AE 6 12 FT COPPER 7440-50-8 6 3.8 mg/kg | B V 43893 BH40073AE COPPER 6 11 FT 7440-50-8 5 4.5 mg/kg | B V 42193 BH40086AF 10 16 FT COPPER 7440-50-8 10 16.3 mg/kg īV BH40091AE 43.1 mg/kg 42193 16 22 FT COPPER 7440-50-8 10 iV 42993 BH40144AE 7 10 FT COPPER 7440-50-8 5 2.9 mg/kg B V 40793 BH40160AE 6 8 FT COPPER 7440-50-8 10 2.6 mg/kg B IJ 40093 BH40170AE 6 8 FT COPPER 7440-50-8 6 19.1 mg/kg V 44893 BH40191AE 6 12 FT COPPER 7440-50-8 6 10.4 mg/kg V 40993 BH40204AE 6 10 FT COPPER 7440-50-8 10 8.7 mg/kg J COPPER 40993 BH40206AE 10 19.FT 7440-50-8 10 8 mg/kg 41693 BH40220AE 6 12 FT COPPER 7440-50-8 50.2 mg/kg



| | Table A.9 Sol | ar Evapo | ration Po | nd AOC | - Analytical Res | ults for Subst | urface Soils G | eater Tha | n 6 Feet | | |
|----------------|------------------------|---|---------------------------------|----------|------------------|------------------------|----------------|------------------------------------|--|------------------------------------|------------|
| * 12.5 3.7* | | | , rdV | | 25.5 | | | | 7. | " LAB | |
| LOCATION | | DEPTH | DEPTH | | × X | 1.3 | DETECTION | DECLUSE | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | Comment and the Land of the Control | - You test out of the Establish | | ANALYTE | CAS NO | LIMIT | Allegands . Long hall a some think | Such the second section of the second section of the second secon | Correspondence With Charles Comme. | QUALIFIER |
| | BH40246AE | 6 | | | COPPER | 7440-50-8 | 6 | | | | V |
| | BH40256AE | 6 | | FT | COPPER | 7440-50-8 7440-50-8 | 10 | *** | mg/kg mg/kg | | V |
| | BH40258AE BH40264AE | 11 | | | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | | 10 | · | FT FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| | BH40290AE | | | FT | COPPER | 7440-50-8 | 6 | | mg/kg | | V |
| | BH40309AE BH40324AE | 6 8 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| | BH40335AE | 6 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | J |
| | BH40351AE | 6 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | BH40380AE | 6 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | · V |
| | BH40382AE | 9 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| | BH40414AE | 8 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | J |
| 40993 | BH40415AE | 20 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| | BH40416AE | 31 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | 1 | V |
| | BH40424AE | 6 | | | COPPER | 7440-50-8 | 10 | | mg/kg | 1 | V |
| | BH40430AE | 22 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| 42193 | BH40432AE | 6 | ** | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| 42193 | BH40433AE | 28 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| | BH40445AE | 8 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| 42593 | BH40450AE | 8 | | FT | COPPER | 7440-50-8 | 10 | | mg/kg | | V |
| | BH40521AE | 6 | | FT | COPPER | 7440-50-8 | -10 | | mg/kg | | V |
| | BH40522AE | 8 | | FT | COPPER | 7440-50-8 | 10 | 10.4 | mg/kg | | V |
| | BH40525AE | 10 | | FT | COPPER | 7440-50-8 | 10 | 26.2 | mg/kg | | V |
| | BH40711AE | 9 | l,,,,,, | FT | COPPER | 7440-50-8 | 5 | | mg/kg | 1 | V |
| 46593 | BH40713AE | 11 | 16 | FT | COPPER | 7440-50-8 | 5 | 18.5 | mg/kg | | V |
| 46693 | BH40726AE | 7 | | FT | COPPER | 7440-50-8 | 5 | 4.5 | mg/kg | В | V |
| | BH40728AE | 9 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | ٧ |
| | BH40740AE | 6 | | | COPPER | 7440-50-8 | 5 | | mg/kg | В | J |
| 46793 | BH40742AE | 8 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | BH40748AE | 7 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | J |
| | BH40749AE | 9 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | J |
| L | BH40754AE | 12 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | В | J |
| 46993 | BH40768AE | 6 | | FT | COPPER | 7440-50-8 | 5 | 25.2 | mg/kg | | V |
| 46993 | BH40770AE | 7 | | FT | COPPER | 7440-50-8 | 5 | 11.4 | mg/kg | | V |
| | BH40776AE | 7 | | FT . | COPPER | 7440-50-8 | 25 | | mg/kg | | V |
| P207589 | SEP0389BR0915 | 9 | 15 | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | Α |
| P207589 | SEP0389BR1521 | 15 | 21 | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| P208889 | SEP1689BR1016 | 10 | 15 | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | Α |
| P208989 | SEP1789BR0915 | 9 | 15 | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | Α |
| P209089 | SEP1889BR1218 | 12 | 18 | FT | COPPER | 7440-50-8 | 5 | 11.8 | mg/kg | | V |
| P209089 | SEP1889BR1824 | 18 | 24 | FT | COPPER | 7440-50-8 | 5 | 7.3 | mg/kg | | A |
| P209189 | SEP1989BR1016 | 10 | 16 | FT | COPPER | 7440-50-8 | 5 | 8.5 | mg/kg | | V |
| P209189 | SEP1989BR1622 | 16 | | | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| P209489 | SEP2289BR0912 | 9 | 12 | FT | COPPER | 7440-50-8 | 5 | 5.5 | mg/kg | UJ | Α . |
| P209489 | SEP2289BR1213 | 12 | | | COPPER | 7440-50-8 | 5 | 13.3 | mg/kg | i | V |
| | SEP2289BR1416 | 14 | 16 | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | A |
| | SEP2289BR1621 | 16 | 21 | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | A |
| | SEP2389BR1015 | 10 | | | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | SEP2689BR1016 | 10 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | SEP3089BR0915 | 9 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | A |
| | SEP3089BR1521 | 15 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | t | V |
| | SEP3089BR2127 | 21 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | SEP3189BR0713 | 7 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | SEP3189BR1319 | 13 | | FT | COPPER | 7440-50-8 | 5 | | mg/kg | | V |
| | BH00064AE | 6 | | FT | CYANIDE | 57-12-5 | 0.61 | | mg/kg | | V . |
| | BH00069AE | 6 | | FT | CYANIDE | 57-12-5 | 0.54 | | mg/kg | | V |
| | BH00079AE | 18 | | FT | CYANIDE | 57-12-5 | 0.59 | | mg/kg | | V |
| | BH00081AE | 6 | | FT | CYANIDE | 57-12-5 | 0.6 | | mg/kg | | V |
| | BH00084AE | 12 | | | CYANIDE | 57-12-5 | 0.6 | | mg/kg | | V |
| | BH40052AE | 6 | | | CYANIDE | 57-12-5 | 0.5 | | mg/kg | | V |
| | BH40065AE | 6 | | | CYANIDE | 57-12-5 | 0.5 | | mg/kg | | ٧ |
| | BH40073AE | 6 | | FT | CYANIDE | 57-12-5 | 0.5 | | mg/kg | | V |
| 42193 | BH40086AE | 10 | | | CYANIDE | 57-12-5 | 0.5 | | mg/kg | | V |
| | G11400044E | 46 | 22 | FT | CYANIDE | 57-12-5 | 0.5 | 0.527 | mg/kg | ≀U i | V |
| | BH40091AE BH40144AE | 16 7 | | | CYANIDE | 57-12-5 | 0.5 | | mg/kg | | V |

| COCION SAME NAMER VAMER ENAMER END COS ANALYS CAS NO. DETECTION COCION STATES COLLIFER COLLIFICATION COLLIFER COLLIFICATION COLLIFER COLLIFICATION COLLIFER COLLIFER COLLIFER COLLIFER COLLIFER COLLIFER COLLIFICATION COLLIFER COLLIFER COLLIFER COLLIFER COLLIFER COLLIFICATION COLLIFER COLLIFICATION COLLIFICATI | NORMAL CONTROL OF THE PARTY | lable A.9 Sol | ar Evapoi | auon Pond AUC | - Analytical Resi | and for Subsc | mace dons di | cater mai | . 0 1 001 | | To a second |
|--|---|--|---|---------------|-------------------|--|--|--------------------------------------|-----------------------|----------------------|---------------------------------------|
| CODES SAMPLE NUMBER STAFT Leby CODE MANUTER CAS NO CAMP | | | | | | | | | | LAB | LALIDATION |
| MATTER MATTOR | LOCATION | | DEPTH | DEPTH UNIT | | | | | | | |
| ### | CODE | SAMPLE NUMBER | START | END CODE | ANALYTE | and the second of the second o | and it was the state of the sta | alle fillers and a second section of | learning and the same | (- Newscardination) | QUALIFIER |
| MARION SHANDSTARE 6 12 FT CYANIDE 57-12-5 0.5 0.586 mg/s U V V CM993 SHANDSTARE 6 10 FT CYANIDE 57-12-5 0.5 0.546 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.546 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.577 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.577 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.577 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.577 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.597 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.598 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.598 mg/s U V V CM993 SHANDSTARE 22 28 FT CYANIDE 57-12-5 0.5 0.598 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.598 mg/s U V V CM993 SHANDSTARE 10 19 FT CYANIDE 57-12-5 0.5 0.598 | 40793 | BH40160AE | 6 | 8 FT | CYANIDE | 57-12-5 | 0.5 | | | U | |
| ### | 40093 | BH40170AE | 6 | 8!FT | CYANIDE | 57-12-5 | 0.5 | 0.582 | mg/kg | U | V |
| March Marc | | | | | | 57-12-5 | 0.5 | 0.565 | mg/kg | U | V |
| 1997 | , | | | | | | 0.5 | | | iU | V |
| 16953 BH40220AE | | | | | | | | | | | <u> </u> |
| Hard | 1 | | | | | | | 0.577 | mg/kg | | • |
| 1975 19140259AE | | | | | | | | | | <u>;U</u> | |
| ## ## ## ## ## ## ## # | | The second secon | | | | | | <u>_</u> | | <u> </u> | ! |
| 142393 BHA0260AE 6 8 FT CYANIDE 57-12-5 0.5 0.497 mg/kg U V | 42293 | BH40256AE | 6 | 11 FT | CYANIDE | | 0.5 | | | | |
| 142593 18140290AE | 42293 | BH40258AE | 11 | 13 FT | CYANIDE | 57-12-5 | 0.5 | 0.579 | mg/kg | U | V |
| 142593 18140290AE | 42393 | BH40264AE | 6 | 8 FT | CYANIDE | 57-12-5 | 0.5 | 0.497 | mg/kg | U | V |
| 1916/03/954E | | | | | | | | | | 10 | V |
| 43933 BH40335AE 8 13 FT CYANIDE 57-12-5 0.5 0.543 mg/kg U V 44993 BH4035AE 6 12 FT CYANIDE 57-12-5 0.5 0.543 mg/kg U V 44993 BH4035AE 6 10 FT CYANIDE 57-12-5 0.5 0.553 mg/kg U V 44993 BH4035AE 6 9 FT CYANIDE 57-12-5 0.5 0.553 mg/kg U V 45993 BH4035AE 9 18 FT CYANIDE 57-12-5 0.5 0.558 mg/kg U J 45993 BH4035AE 9 18 FT CYANIDE 57-12-5 0.5 0.568 mg/kg U J 46993 BH40415AE 20 29 FT CYANIDE 57-12-5 0.5 0.568 mg/kg U V 40993 BH40415AE 20 29 FT CYANIDE 57-12-5 0.5 0.558 mg/kg U V 42193 BH40435AE 22 28 FT CYANIDE 57-12-5 0.5 0.559 mg/kg U V 42193 BH40435AE 22 28 FT CYANIDE 57-12-5 0.5 0.559 mg/kg U V 42193 BH40435AE 22 28 FT CYANIDE 57-12-5 0.5 0.559 mg/kg U V 42593 BH40435AE 28 31 FT CYANIDE 57-12-5 0.5 0.559 mg/kg U V 42693 BH40735AE 8 10 FT CYANIDE 57-12-5 0.5 0.576 mg/kg U V 42693 BH40735AE 9 15 FT CYANIDE 57-12-5 0.5 0.576 mg/kg U V 44693 BH40735AE 9 15 FT CYANIDE 57-12-5 0.5 0.576 mg/kg U V 44693 BH40735AE 6 12 FT CYANIDE 57-12-5 0.5 0.596 mg/kg V 44693 BH40735AE 6 12 FT CYANIDE 57-12-5 0.5 0.596 mg/kg V 44693 BH40735AE 6 12 FT CYANIDE 57-12-5 0.5 0.596 mg/kg V 44693 BH40735AE 6 12 FT CYANIDE 57-12-5 0.5 0.596 mg/kg V 44693 BH40735AE 6 12 FT CYANIDE 57-12-5 0.5 0.596 mg/kg V 44693 BH4075AE 6 12 FT CYANIDE 57-12-5 0.5 0.596 mg/kg V 44693 BH40075AE 6 12 FT RON 743949-6 20 7360 mg/kg V 44693 BH40075AE 6 12 FT RON 743949-6 20 7360 mg/kg V 44693 BH40055AE 6 12 FT RON 743949-6 20 7360 mg/kg V 44193 BH40055AE 6 16 FT RON 743949-6 20 73600 mg/kg V 44193 BH40055AE 6 16 FT RON 743949-6 20 | | | | | | | | | | | |
| 43793 BH0355AE | | | | | | | | | | | |
| A4993 BH40351AE S | | | | | ~~~ | | | | | | J |
| 45893 BH0380AE 6 9 FT CYANIDE 57-12-5 0.5 0.581 mg/kg U J J 40793 BH04014AE 8 13 FT CYANIDE 57-12-5 0.5 0.578 mg/kg U J 40793 BH04014AE 8 13 FT CYANIDE 57-12-5 0.5 0.581 mg/kg U V 40893 BH04014AE 8 13 FT CYANIDE 57-12-5 0.5 0.588 mg/kg U V 40893 BH04014AE 20 29 FT CYANIDE 57-12-5 0.5 0.588 mg/kg U V 40893 BH04014AE 20 29 FT CYANIDE 57-12-5 0.5 0.589 mg/kg U V 40893 BH04014AE 22 22 28 FT CYANIDE 57-12-5 0.5 0.589 mg/kg U V 42193 BH04033AE 28 31 FT CYANIDE 57-12-5 0.5 0.557 mg/kg U V 42193 BH04033AE 28 31 FT CYANIDE 57-12-5 0.5 0.575 mg/kg U V 42593 BH04035AE 8 10 FT CYANIDE 57-12-5 0.5 0.575 mg/kg U V 44593 BH04035AE 8 15 FT CYANIDE 57-12-5 0.5 0.575 mg/kg U V 44693 BH04728AE 8 15 FT CYANIDE 57-12-5 0.5 0.574 mg/kg U V 44693 BH04728AE 8 15 FT CYANIDE 57-12-5 0.5 0.51 10 10 10 10 10 10 10 | | | | | | | | | | · | ļ |
| ASSISTED STANDER STANDE | 44093 | BH40351AE | 6 | | | | 0.5 | | | | |
| 40793 | 45893 | BH40380AE | 6 | 9 FT | CYANIDE | 57-12-5 | 0.5 | 0.593 | mg/kg | U | J |
| 40793 BH40415AE 8 13 T | 45893 | BH40382AE | 9 | 18 FT , | CYANIDE | 57-12-5 | 0.5 | 0.578 | mg/kg | U | J |
| 40993 BH40415AE 20 29 FT CYANIDE 57-12-5 0.5 0.55 mg/kg U V 47-4093 BH40415AE 31 35 FT CYANIDE 57-12-5 0.5 0.550 mg/kg U V 47-4093 BH40453AE 22 29 FT CYANIDE 57-12-5 0.5 0.555 mg/kg U V 47-4093 BH40453AE 28 31 FT CYANIDE 57-12-5 0.5 0.557 mg/kg U V 47-4093 BH40453AE 28 31 FT CYANIDE 57-12-5 0.5 0.574 mg/kg U V 47-4093 BH40975AE 31 16 FT CYANIDE 57-12-5 0.5 0.574 mg/kg U V 47-4093 BH4075AE 31 16 FT CYANIDE 57-12-5 0.5 0.574 mg/kg U V 47-4093 BH4075AE 31 15 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 47-4093 BH4075AE 31 15 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 48-4093 BH4075AE 31 15 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 48-4093 BH4075AE 31 15 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 48-4093 BH40957AE 31 16 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 48-4093 BH40957AE 31 16 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 48-4093 BH40957AE 31 16 FT RON 7439-89-6 20 739 mg/kg V 48-4093 BH40957AE 31 16 FT RON 7439-89-6 20 739 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 739 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 739 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7390 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7390 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7390 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7390 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7390 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7300 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7300 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 7300 mg/kg V 48-4093 BH4005AE 31 32 FT RON 7439-89-6 20 3200 mg/kg V 48-4093 BH4005AE 31 | | | | | | | | | | <u> </u> | [|
| | *************************************** | | | | | | | | | | V |
| ### ### ### ### ### ### ### ### ### ## | | | | | | | | | | | |
| 42193 BH40433AE 28 31 FT CYANIDE 57-12-5 0.5 0.575 mg/kg U V 42593 BH4073AE 8 10 FT CYANIDE 57-12-5 0.5 0.57 mg/kg U V 42593 BH4073AE 9 15 FT CYANIDE 57-12-5 0.5 0.5 0.5 mg/kg U V 42593 BH4073AE 9 15 FT CYANIDE 57-12-5 0.5 0.5 0.5 mg/kg U V 42593 BH4073AE 9 15 FT CYANIDE 57-12-5 0.5 0.5 1.94 mg/kg V 42593 BH4073AE 7 13 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 42593 BH4073AE 6 12 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 42593 BH40807AE 6 12 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 42593 BH400604AE 6 12 FT RION 7439-89-6 20 7550 mg/kg V 42593 BH400604AE 6 11 FT RION 7439-89-6 20 7550 mg/kg V 42593 BH400604AE 6 12 FT RION 7439-89-6 20 7550 mg/kg V 42593 BH400604AE 6 12 FT RION 7439-89-6 20 7550 mg/kg V 42593 BH400604AE 6 12 FT RION 7439-89-6 20 7580 mg/kg V 42593 BH400605AE 6 11 FT RION 7439-89-6 20 7580 mg/kg V 42593 BH400605AE 6 11 FT RION 7439-89-6 20 7440 mg/kg V 42593 BH400605AE 6 11 FT RION 7439-89-6 21 11200 mg/kg V 42593 BH400605AE 6 12 FT RION 7439-89-6 21 11200 mg/kg V 42593 BH400605AE 6 12 FT RION 7439-89-6 21 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 21 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 21 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 13200 mg/kg V 42593 BH400606AE 10 16 FT RION 7439-89-6 20 | | | | | | | | | | | 1 |
| 42593 BH40750AE B 10 FT CYANIDE 57-12-5 0.5 0.574 mg/kg U V | | | I — — — — — — — — — — — — — — — — — — — | | | | | | | | |
| 46593 BH40713AE | | | | | | | | | | | · |
| 46593 BH40728AE 9 15 FT CYANIDE 57-12-5 0.5 1.94 mg/kg V 46793 BH40742AE 8 15 FT CYANIDE 57-12-5 0.5 0.5 1.28 mg/kg V 468933 BH40770AE 7 13 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 46893 BH40870AE 6 12 FT CYANIDE 57-12-5 0.5 0.5 mg/kg U V 46893 BH40870AE 6 12 FT RON 7439-89-6 20 7560 mg/kg V V 46893 BH40860AE 6 12 FT RON 7439-89-6 20 7560 mg/kg V V V V V V V V V | 42593 | BH40450AE | 8 | 10 FT | CYANIDE | | | | | | |
| 46793 BH40770AE | 46593 | BH40713AE | 11 | 16 FT | CYANIDE | 57-12-5 | 0.5 | | | U | V |
| 46793 BH40770AE | | BH40728AF | 9 | 15 FT | CYANIDE | 57-12-5 | 0.5 | 1.94 | ma/ka | i | V |
| 48993 BH40770AE | | | | | | | ·· | | | | V |
| 46893 BH40807AE 6 12 FT CVANIDE 57-12-5 0.5 0.5 1 mg/kg U V C C C C C C C C C | | | | | | | | | | | |
| 05093 BH00064AE | | | | | | | | | | | |
| 05193 BH00069AE 6 | | | <u> </u> | | C | | · | | | 10 | · · · · · · · · · · · · · · · · · · · |
| 18 | | | | | | | · | | | <u> </u> | <u> </u> |
| 05393 BH00081AE 6 12 FT IRON 7439-89-6 20 7880 mg/kg V V V V V V V V V | 05193 | BH00069AE | 6 | | | | 20 | | | <u> </u> | |
| 05393 BH00081AE 6 12 FT IRON 7439-89-6 20 7880 mg/kg V | 05393 | BH00079AE | 18 | 22 FT | IRON | 7439-89-6 | 20 | 5390 | mg/kg | ! | V |
| DESGREY DESCRIPTION DESC | 05393 | BH00081AE | 6 | 12 FT | IRON | 7439-89-6 | 20 | 7880 | mg/kg | | V |
| A4593 BH400DSAE | | | | | | 7439-89-6 | 20 | 7440 | ma/ka | | V |
| Hand | | | <u> </u> | | | | | | | 1 | |
| H40993 BH40065AE 6 | | | | | | | | 11200 | ma/ka | | |
| Hard | <u> </u> | | | | | | | | | | |
| 42193 BH40086AE 10 16 FT IRON 7439-89-6 20 13200 mg/kg V | | <u> </u> | | | | | | 5360 | mg/kg | <u> </u> | <u> </u> |
| 42193 BH40091AE 16 22 FT IRON 7439-89-6 20 10600 mg/kg V V V V V V V V V | 43893 | BH40073AE | 6 | | | | | 7200 | mg/kg | <u> </u> | |
| H42983 BH40144AE | 42193 | BH40086AE | 10 | | | 7439-89-6 | . 20 | 13200 | mg/kg | <u>i</u> | |
| 40793 BH40160AE 6 | 42193 | BH40091AE | 16 | 22 FT | IRON | 7439-89-6 | 20 | 10600 | mg/kg | 1 | V |
| 40793 BH40160AE 6 | •42993 | BH40144AE | 7 | 10 FT | IRON | 7439-89-6 | 22 | 6840 | ma/ka | | V |
| Hard | | | | | | | | 8070 | ma/ka | | |
| 44893 BH40191AE 6 | · | | | | <u> </u> | | | 19400 | ma/ka | * | 1. |
| 40993 BH40204AE 6 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | 12000 | me/kg | * | |
| 40993 BH40206AE 10 19 FT IRON 7439-89-6 20 7360 mg/kg V | • | | | | | | | | | | |
| Hard | 40993 | BH40204AE | . 6 | 10 FT | IKUN | 7439-89-6 | | | | | V |
| Hard | | · | | | | | | | | | |
| 42293 BH40256AE 6 | 41693 | BH40220AE | 6 | 12 FT | | 7439-89-6 | 23 | | | E | J |
| 42293 BH40256AE 6 | | | 6 | | IRON | 7439-89-6 | 22 | | | | J |
| 42293 BH40258AE | | | | | | | | | | | |
| 42393 BH40264AE 6 | | | | | · | | | | | 1 | |
| 42593 BH40290AE | | | | | | | | | | | |
| 43193 BH40309AE 6 | | | | | | | | | | | |
| 43393 BH40324AE 8 13 FT IRON 7439-89-6 20 10600 mg/kg V 43793 BH40335AE 6 12 FT IRON 7439-89-6 20 12900 mg/kg V 44093 BH40351AE 6 10 FT IRON 7439-89-6 21 11100 mg/kg E J 45893 BH40380AE 6 9 FT IRON 7439-89-6 20 12000 mg/kg V 45893 BH40382AE 9 18 FT IRON 7439-89-6 20 16100 mg/kg V 40793 BH40414AE 8 13 FT IRON 7439-89-6 20 12100 mg/kg V 40993 BH40415AE 20 29 FT IRON 7439-89-6 20 27700 mg/kg V 40993 BH40416AE 31 35 FT IRON 7439-89-6 20 26200 mg/kg V 41593 BH40424AE 6 8 FT IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | | | | | | | | | | | |
| 43793 BH40335AE 6 12 FT IRON 7439-89-6 20 12900 mg/kg V 44093 BH40351AE 6 10 FT IRON 7439-89-6 21 11100 mg/kg E J 45893 BH40380AE 6 9 FT IRON 7439-89-6 20 12000 mg/kg V 45893 BH40382AE 9 18 FT IRON 7439-89-6 20 16100 mg/kg V 40793 BH4041AAE 8 13 FT IRON 7439-89-6 20 12100 mg/kg V 40993 BH40415AE 20 29 FT IRON 7439-89-6 20 27700 mg/kg V 40993 BH40416AE 31 35 FT IRON 7439-89-6 20 26200 mg/kg V 41593 BH40424AE 6 8 FT IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | | · | | | | | <u> </u> | | | | |
| 43793 BH40335AE 6 12 FT IRON 7439-89-6 20 12900 mg/kg V 44093 BH40351AE 6 10 FT IRON 7439-89-6 21 11100 mg/kg E J 45893 BH40380AE 6 9 FT IRON 7439-89-6 20 12000 mg/kg V 45893 BH40382AE 9 18 FT IRON 7439-89-6 20 16100 mg/kg V 40793 BH40414AE 8 13 FT IRON 7439-89-6 20 12100 mg/kg V 40993 BH40415AE 20 29 FT IRON 7439-89-6 20 27700 mg/kg V 40993 BH40416AE 31 35 FT IRON 7439-89-6 20 26200 mg/kg V 41593 BH40424AE 6 8 FT IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | 43393 | BH40324AE | 8 | 13 FT | IRON | 7439-89-6 | 20 | 10600 | mg/kg | | V |
| A4093 BH40351AE 6 | | BH40335AE | 6 | 12 FT | IRON | 7439-89-6 | 20 | 12900 | mg/kg | 1 | V |
| 45893 BH40380AE 6 | | | | 10 FT | | | · · · · · · · · · · · · · · · · · · · | | | | |
| 45893 BH40382AE 9 18 FT IRON 7439-89-6 20 16100 mg/kg V | | | | | | | | · | | | |
| 40793 BH40414AE 8 13 FT IRON 7439-89-6 20 12100 mg/kg V 40993 BH40415AE 20 29 FT IRON 7439-89-6 20 27700 mg/kg V 40993 BH40416AE 31 35 FT IRON 7439-89-6 20 26200 mg/kg V 41593 BH40424AE 6 8 FT IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40433AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | | | | | | | | | | | |
| 40993 BH40415AE 20 29 FT IRON 7439-89-6 20 27700 mg/kg V 40993 BH40416AE 31 35 FT IRON 7439-89-6 20 26200 mg/kg V 41593 BH40424AE 6 8 FT IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40432AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | 45893 | | | | | | <u> </u> | | | - | |
| 40993 BH40416AE 31 35 FT IRON 7439-89-6 20 26200 mg/kg V 41593 BH40424AE 6 8 FT IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40432AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | | | | | | | <u> </u> | | | | |
| 41593 BH40424AE 6 8 FT. IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40432AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 | 40993 | BH40415AE | | | | | | | | | |
| 41593 BH40424AE 6 8 FT. IRON 7439-89-6 20 10400 mg/kg V 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40432AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 | 40993 | BH40416AE | 31 | | | | 20 | | | 1 | |
| 42193 BH40430AE 22 28 FT IRON 7439-89-6 20 10000 mg/kg V 42193 BH40432AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V 42193 4 | | 1 | | | | | <u> </u> | | | | V |
| 42193 BH40432AE 6 10 FT IRON 7439-89-6 20 12200 mg/kg V 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | | | | | | | | | | 1 | |
| 42193 BH40433AE 28 31 FT IRON 7439-89-6 20 17200 mg/kg V | | · | | | | | | 1 | | † | |
| | | | | | | / | | | | | |
| 42493 | | | | | | ` | | | | | |
| | 42493 | BH40445AE | 8 | 10 FT | IKON | 7439-89-6 | 20 | 21400 | mg/kg | <u> </u> | į V |

| | Table A.9 Sola | ar Evapo | ration Por | nd AOC | - Analytical Resu | ilts for Subsu | rface Soils Gr | eater Than (| 6 Feet | - Metals | |
|------------------|------------------------|----------|--------------|----------|-------------------|------------------------|--------------------|----------------|--------|----------------------------|--|
| LOCATION CODE | SAMPLE NUMBER | DEPTH | DEPTH | UNIT | ANALYTE | CAS NO | DETECTION LIMIT | RESULT L | NITS | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| 42593 | BH40450AE | 8 | 10 | FT | IRON | 7439-89-6 | 20 | 12800 m | ng/kg | | V |
| 43693 | BH40521AE | 6 | 8 | FT | IRON | 7439-89-6 | 20 | 7910 m | ng/kg | | V |
| 43693 | BH40522AE | 8 | 10 | FT | IRON | 7439-89-6 | 20 | | | | V |
| 43693 | BH40525AE | 10 | | | | 7439-89-6 | 20 | | | | V |
| | BH40711AE | 9 | | | | 7439-89-6 | 20 | | | | V |
| | BH40713AE | 11 | | | | 7439-89-6 | 20 | | | | V |
| | BH40726AE | 7 | · | | | 7439-89-6 | 20 | | | | V . |
| | BH40728AE | 9 | | | IRON | 7439-89-6 | 20 | | | | ٧ |
| | BH40740AE | 6 | | | IRON | 7439-89-6 | 20 | | | | V |
| | BH40742AE | . 8 | | | | 7439-89-6 | 20 | | | | V |
| <u></u> | BH40748AE | 7 | | | | 7439-89-6 | 20 | | | | V |
| | BH40749AE | 9 | | | | 7439-89-6 | 20 | | | | V V |
| · | BH40754AE | 12 | | | IRON IRON | 7439-89-6 7439-89-6 | 20 20 | | | | V |
| 1000 | BH40768AE BH40770AE | 6 7 | | | | 7439-89-6 | 20 | | | | V |
| | BH40776AE | 7 | | | | 7439-89-6 | 100 | | ig/kg | | V |
| · | SEP0389BR0915 | 9 | 2000 | | | 7439-89-6 | 20 | | | | A |
| | SEP0389BR1521 | 15 | | | | 7439-89-6 | 20 | | | | A |
| | SEP1689BR1016 | 10 | | | | 7439-89-6 | 20 | | ng/kg | | A |
| | SEP1789BR0915 | 9 | | | IRON | 7439-89-6 | 20 | | | | \(\tag{\chi} \) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ |
| | SEP1889BR1218 | 12 | | | | 7439-89-6 | 20 | | | | V |
| | SEP1889BR1824 | 18 | | | | 7439-89-6 | 20 | | ng/ka | | v - |
| | SEP1989BR1016 | 10 | | | IRON | 7439-89-6 | 20 | | ng/ka | | V |
| | SEP1989BR1622 | 16 | | | | 7439-89-6 | 20 | 14500 m | ng/kg | | V |
| | SEP2289BR0912 | 9 | | | IRON | 7439-89-6 | 20 | | ng/kg | | A |
| | SEP2289BR1213 | 12 | | FT | IRON | 7439-89-6 | 20 | | | i | A |
| | SEP2289BR1416 | 14 | | FT | IRON | 7439-89-6 | 20 | | | | A |
| | SEP2289BR1621 | 16 | 21 | FT | IRON . | 7439-89-6 | 20 | | | | Α |
| P209589 | SEP2389BR1015 | 10 | 14 | FT | IRON | 7439-89-6 | 20 | 8710 m | ng/kg | | Α |
| P209889 | SEP2689BR1016 | 10 | 16 | | IRON | 7439-89-6 | 20 | 21300 m | | | V |
| | SEP3089BR0915 | 9 | | | IRON | 7439-89-6 | 20 | | ng/kg | | V |
| | SEP3089BR1521 | 15 | | | IRON | 7439-89-6 | 20 | 21200 m | | | V |
| | SEP3089BR2127 | 21 | | | | 7439-89-6 | 20 | 21200 m | | | V |
| | SEP3189BR0713 | 7 | | | | 7439-89-6 | 20 | | ng/kg | | V |
| | SEP3189BR1319 | 13 | | | | 7439-89-6 | 20 | | | | V |
| | BH00064AE | 6 | | | | 7439-92-1 | 2 | | | | J |
| | BH00069AE | 6 | | | | 7439-92-1 | 2 | | | | ٠ |
| h | BH00079AE | 18 | <u> </u> | | LEAD | 7439-92-1 | 2 | | | | J |
| **** | BH00081AE | 6 | | | | 7439-92-1 7439-92-1 | 2 | | | | J |
| | BH00084AE BH40005AE | 12 6 | | | | 7439-92-1 | 2 | | | | Λ 1 |
| | BH40052AE | 6 | | | | 7439-92-1 | 1.1 | 3.3 m 7.2 m | | | |
| | BH40052AE | 6 | | | | 7439-92-1 | 1 | 3.2 m | | | J J |
| | BH40073AE | 6 | | | | 7439-92-1 | <u>'</u> | | | | J |
| | BH40086AE | 10 | | | | 7439-92-1 | 2 | | ng/kg | | J |
| | BH40091AE | 16 | | | | 7439-92-1 | 2 | | | | j |
| · | BH40144AE | 7 | | | | 7439-92-1 | | | ng/kg | | j |
| | BH40160AE | 6 | | | | 7439-92-1 | 2 | | | | j |
| | BH40170AE | 6 | | | | 7439-92-1 | 1 | | | | J |
| | BH40191AE | 6 | | | | 7439-92-1 | 1 | 10.8 m | | | J |
| | BH40204AE | 6 | | | | 7439-92-1 | 2 | 5.5 m | | | J |
| | BH40206AE | 10 | | | | 7439-92-1 | 2 | | ng/kg | | V |
| 41693 | BH40220AE | 6 | 12 | FT | LEAD | 7439-92-1 | 0.5 | 14 m | ıg/kg | | V |
| | BH40246AE | 6 | 11 | | | 7439-92-1 | 0.4 | 4.1 m | ng/kg | | V |
| | BH40256AE | 6 | | | | 7439-92-1 | 2 | | | | J |
| | BH40258AE | 11 | | | | 7439-92-1 | 2 | | ig/kg | | J |
| | BH40264AE | 6 | | | | 7439-92-1 | 1 | | ng/kg | | J |
| | BH40290AE | 10 | | | | 7439-92-1 | 2 | | ng/kg | | J |
| | BH40309AE | 6 | | | | 7439-92-1 | 0.5 | 5.6 m | | | V |
| | BH40324AE | 8 | | | | 7439-92-1 | 2 | 24.6 m | | | V |
| | BH40335AE | 6 | | | | 7439-92-1 | 2 | 3.3 m | | | J |
| · | BH40351AE | 6 | | | | 7439-92-1 | 0.4 | 4.1 m | | | V |
| | BH40380AE | 6 | | | | 7439-92-1 | 2 | 10.8 m | | | V |
| | BH40382AE | 9 | | | | 7439-92-1 | 2 | | ig/kg | | <u>v</u> |
| 40793 | BH40414AE | 8 | 13 | <u> </u> | LEAD . | 7439-92-1 | 2 | 8.2 m | ig/kg | | J |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals DEPTH DEPTH UNIT DETECTION RESULT VALIDATION LOCATION RESULT UNITS QUALIFIER CAS NO LIMIT QUALIFIER SAMPLE NUMBER START END CODE ANALYTE CODE LEAD 7439-92-1 16.9 mg/kg | S BH40415AE 20 29 FT 40993 V 31 35 F1 LEAD 7439-92-1 2 17.2 mg/kg 40993 BH40416AE 8 FT LEAD 7439-92-1 2 5.8 mg/kg N IJ <u>_</u> 41593 BH40424AE 42193 22 28: FT LEAD 7439-92-1 2 10.9 mg/kg | N J BH40430AE 17 mg/kg 10 FT 7439-92-1 2 LEAD 42193 BH40432AE 6 IV 42193 BH40433AE 28 31 F7 LEAD 7439-92-1 2 4.8 mg/kg LEAD 7439-92-1 2 8.8 mg/kg N IJ 8 10 FT 42493 BH40445AE 42593 BH40450AE 8 10 FT LEAD 7439-92-1 2 18.6 mg/kg | S ١V 7439-92-1 2 2.5 mg/kg N 8 FT LEAD IJ 43693 BH40521AE 6 43693 BH40522AE 8 10 F7 LEAD 7439-92-1 4 mg/kg N J 2 18.9 mg/kg N IJ 7439-92-1 LEAD 43693 BH40525AE 10 13, FT 15.1 mg/kg BH40711AE 9 11 FT LEAD 7439-92-1 0.6 IV 46593 IV 18 mg/kg 7439-92-1 0.6 BH40713AE 11 16 FT I FAD 46593 V 46693 BH40726AE 7 8 FT LEAD 7439-92-1 0.6 9.1 mg/kg 9 ĪV BH40728AE 15 FT LEAD 7439-92-1 0.6 15.4 mg/kg 46693 IV 6: 8 F LEAD 7439-92-1 0.6 21.8 mg/kg | S BH40740AE 46793 BH40742AE 15 FT ILEAD 7439-92-1 0.6 15.7 mg/kg | S īv 46793 8 7 9 FT LEAD 7439-92-1 1 2.4 mg/kg J BH40748AE 46893 BH40749AE 9 11|F7 LEAD 7439-92-1 1 2.9 mg/kg IV 46893 12 FT 2.6 mg/kg 12 LEAD 7439-92-1 1! IJ 46893 BH40754AE 13 FT 12.8 mg/kg LEAD 7439-92-1 1 īV 46993 BH40770AE 7 7439-92-1 V 7 9! F LEAD 3 3.3 mg/kg 47093 BH40776AE LEAD 7439-92-1 6.6 mg/kg P207589 SEP0389BR0915 9 15 F 1 A 24.6 mg/kg A 21 FT LEAD 7439-92-1 1 P207589 SEP0389BR1521 15 7439-92-1 9.3 mg/kg P208889 SEP1689BR1016 10 15 FT LEAD 1 Α ĪV 7439-92-1 21.4 mg/kg P208989 SEP1789BR0915 Q 15 FT LEAD 1 18.2 mg/kg IV SEP1889BR1218 12 18 FT LEAD 7439-92-1 P209089 P209089 SEP1889BR1824 18 24 FT LEAD 7439-92-1 1 19.9 mg/kg Íν SEP1989BR1016 6.4 mg/kg 10 16 FT LEAD 7439-92-1 1 Α P209189 . P209189 SEP1989BR1622 16 22 FT LEAD 7439-92-1 1 14.7 mg/kg Α 12.4 mg/kg SEP2289BR0912 9 12 FT LEAD 7439-92-1 1 īV P209489 SEP2289BR1213 12 13 F7 LEAD 7439-92-1 1 9.8 mg/kg īv P209489 14 LEAD 7439-92-1 9.6|mg/kg IV 16 FT 1! P209489 SEP2289BR1416 P209489 SEP2289BR1621 16 21|FT LEAD 7439-92-1 1 14.5 mg/kg īv 7439-92-1 14!FT 10 LEAD 14 mg/kg 1 A P209589 SEP2389BR1015 30.3 mg/kg P209889 SEP2689BR1016 10 16 F LEAD 7439-92-1 1 V 7439-92-1 2.6 mg/kg LEAD 1 A 9 15 FT P210189 SEP3089BR0915 P210189 SEP3089BR1521 15 21 FT LEAD 7439-92-1 1 14 mg/kg IA LEAD 13.5 mg/kg 7439-92-1 P210189 SEP3089BR2127 21 27 FT 1 IA P210289 SEP3189BR0713 13 FT LEAD 7439-92-1 25.9 mg/kg V 7 V 7439-92-1 1 P210289 SEP3189BR1319 13 19 FT LEAD 31.1 mg/kg 05093 BH00064AE 6 12 FT LITHIUM 7439-93-2 10 6.6 mg/kg | B J 05193 BH00069AE 6 11|FT LITHIUM 7439-93-2 10 7.8 mg/kg | B J 7439-93-2 05393 BH00079AE 18 22 FT LITHIUM 10 4 mg/kg B ij 05393 BH00081AE 6 12 FT LITHIUM 7439-93-2 10 6.3 mg/kg B J 12 18 FT LITHIUM 7439-93-2 10 7.3 mg/kg | B IJ BH00084AE 05393 6 11 FT LITHIUM 7439-93-2 22.7 10.9 mg/kg B ٧ 44593 BH40005AE 6 LITHIUM 7439-93-2 41193 BH40052AE 8 FT 21 13.1 mg/kg | B IJ 7439-93-2 23 2.3 mg/kg | U 41993 BH40065AE 6 12 FT LITHIUM 2.6 mg/kg B 6 11 FT LITHIUM 7439-93-2 21 IJ 43893 BH40073AE 7439-93-2 10 42193 BH40086AE 10 16 FT LITHIUM 2.6 mg/kg | B J 10 7439-93-2 4.7 mg/kg | B 42193 BH40091AE 16 22 FT LITHIUM J 42993 BH40144AE 7 10 FT LITHIUM 7439-93-2 22 5.6 mg/kg | B J 10 6.3 mg/kg | B 40793 BH40160AE 6 8 FT LITHIUM 7439-93-2 IJ 40093 BH40170AE 6 8 FT LITHIUM 7439-93-2 25 8.9 mg/kg B J 44893 BH40191AE 6 12 FT LITHIUM 7439-93-2 24 6.5 mg/kg B J BH40204AE 6 LITHIUM 7439-93-2 10 4.3 mg/kg B 40993 10 FT J 40993 BH40206AE 10 19 FT LITHIUM 7439-93-2 10 6.3 mg/kg B IJ 79.9 mg/kg BH40220AE 12|FT LITHIUM 7439-93-2 23 IJ 41693 6 41793 BH40246AE 6 11 FT LITHIUM 7439-93-2 22 10.3 mg/kg B 13 11 FT LITHIUM 7439-93-2 10 19.1 mg/kg | B 42293 BH40256AE 6 IJ 42293 BH40258AE 13 FT LITHIUM 7439-93-2 10 9.5 mg/kg B 11 IJ 8 FT 6 LITHIUM 7439-93-2 21 IJ 5.4 mg/kg | B BH40264AE 42393 42593 BH40290AE 10 17 FT LITHIUM 7439-93-2 10 6.9 mg/kg | B J LITHIUM 7439-93-2 23 8 mg/kg |B BH40309AE 6 11 FT 43193

| | Table A.9 Sol | ar Evapo | ration Pond AOC | - Analytical Resi | ults for Subsu | mace Soils G | reater Than | breet | | |
|----------|------------------------|----------|-----------------|------------------------|--|--------------------|--|-----------------------|---|--|
| | | | | | 7 | | | | LAB | VALUE ATTION |
| LOCATION | CAMPLEAUMED | DEPTH | DEPTH UNIT | ANALYTE | CAS,NO | DETECTION LIMIT | | LINUTE | | VALIDATION QUALIFIER |
| CODE | SAMPLE NUMBER | | | | Section and the second section of the section of the sectio | ************* | Single Contract of the Contrac | SE MANUFACTURE STATES | Block and the second second second | AND DESCRIPTION OF THE PARTY OF |
| | BH40324AE | 8 | | LITHIUM LITHIUM | 7439-93-2 7439-93-2 | 10 | | | | J J |
| 43793 | BH40335AE | 6 | | LITHIUM | 7439-93-2 | 21 | | | | J |
| 44093 | BH40351AE | 6 | | LITHIUM | 7439-93-2 | 10 | | | | J |
| | BH40380AE BH40382AE | 9 | | LITHIUM | 7439-93-2 | 10 | | | | J |
| | BH40414AE | 8 | | LITHIUM | 7439-93-2 | 10 | | | | J |
| | BH40415AE | 20 | | | 7439-93-2 | 10 | 1 | | | J |
| | BH40416AE | 31 | | LITHIUM | 7439-93-2 | 10 | | | | j |
| | BH40424AE | 6 | | LITHIUM | 7439-93-2 | 10 | | W | | j |
| 42193 | BH40430AE | 22 | | | 7439-93-2 | 10 | | | | J |
| | BH40432AE | 6 | | LITHIUM | 7439-93-2 | 10 | | | | J |
| | BH40433AE | 28 | | LITHIUM | 7439-93-2 | 10 | | mg/kg | ··· | J |
| | BH40445AE | 8 | | LITHIUM | 7439-93-2 | 10 | | | | J |
| | BH40450AE | 8 | | LITHIUM | 7439-93-2 | 10 | | | | j |
| | BH40521AE | 6 | | LITHIUM | 7439-93-2 | 10 | | mg/kg | | J |
| | BH40522AE | 8 | · | LITHIUM | 7439-93-2 | 10 | <u> </u> | | | J |
| 43693 | BH40525AE | 10 | | LITHIUM | 7439-93-2 | 10 | | | | J |
| 40593 | BH40711AE | 9 | | LITHIUM | 7439-93-2 | 20 | | | | j |
| 46593 | BH40713AE | 11 | | LITHIUM | 7439-93-2 | 20 | | | | j |
| | BH40726AE | 7 | | LITHIUM | 7439-93-2 | 20 | · | | | j |
| | BH40728AE | 9 | | LITHIUM | 7439-93-2 | 20 | | | | j |
| | BH40740AE | 6 | | LITHIUM | 7439-93-2 | 20 | | | | j |
| | BH40742AE | 8 | | LITHIUM | 7439-93-2 | 20 | | | | J |
| | BH40748AE | 7 | | LITHIUM | 7439-93-2 | 20 | · | | | J |
| · | BH40749AE | 9 | | LITHIUM | 7439-93-2 | 20 | | | | J |
| 46893 | BH40754AE | 12 | 12 FT | LITHIUM | 7439-93-2 | 20 | | | В | J |
| 46993 | BH40768AE | 6 | 7 FT | LITHIUM | 7439-93-2 | 20 | | | В | J |
| 46993 | BH40770AE | 7 | 13 FT | LITHIUM | 7439-93-2 | 20 | · | | U | J |
| 47093 | BH40776AE | 7 | 9 FT | LITHIUM | 7439-93-2 | 100 | 10.1 | mg/kg | В | J |
| P207589 | SEP0389BR0915 | 9 | 15 FT | LITHIUM | 7439-93-2 | 20 | 6 | mg/kg | | V |
| P207589 | SEP0389BR1521 | 15 | 21 FT | LITHIUM | 7439-93-2 | 20 | | mg/kg | | ν |
| P208889 | SEP1689BR1016 | 10 | 15 FT | LITHIUM | 7439-93-2 | 20 | | mg/kg | | V |
| P208989 | SEP1789BR0915 | 9 | 15 FT | LITHIUM | 7439-93-2 | . 20 | 2.3 | mg/kg | U | V |
| P209089 | SEP1889BR1218 | 12 | 18 FT | LITHIUM | 7439-93-2 | 20 | 2.4 | mg/kg | U | V |
| P209089 | SEP1889BR1824 | 18 | 24 FT | LITHIUM | 7439-93-2 | 20 | 2.3 | mg/kg | U | V |
| P209189 | SEP1989BR1016 | 10 | 16 FT | LITHIUM | 7439-93-2 | 20 | 2.3 | mg/kg | U | V |
| | SEP1989BR1622 | 16 | | LITHIUM | 7439-93-2 | 20 | 3.9 | mg/kg | | V |
| | SEP2289BR0912 | 9 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | · | V |
| | SEP2289BR1213 | 12 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | | V |
| | SEP2289BR1416 | 14 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | | V |
| | SEP2289BR1621 | 16 | | LITHIUM | 7439-93-2 | 20 | + | | | V |
| P209589 | SEP2389BR1015 | 10 | <u> </u> | LITHIUM | 7439-93-2 | 20 | · | mg/kg | | V |
| | SEP2689BR1016 | 10 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | | V |
| | SEP3089BR0915 | 9 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | | V |
| | SEP3089BR1521 | 15 | | LITHIUM | 7439-93-2 | 20 | | | | V |
| | SEP3089BR2127 | 21 | | LITHIUM | 7439-93-2 | 20 | | | | V . |
| | SEP3189BR0713 | 7 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | *************************************** | V |
| | SEP3189BR1319 | 13 | | LITHIUM | 7439-93-2 | 20 | | mg/kg | | V |
| | BH00064AE | 6 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| | BH00069AE | 6 | · | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | <u>V</u> |
| 05393 | BH00079AE | 18 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | <u>V</u> |
| | BH00081AE | 6 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| | BH00084AE | 12 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| | BH40005AE | 6 | | MAGNESIUM | 7439-95-4 | 2274 | | mg/kg | | V |
| | BH40052AE | 6 | | MAGNESIUM | 7439-95-4 | 1052 | | mg/kg | | V |
| | BH40065AE BH40073AE | 6 | | MAGNESIUM MAGNESIUM | 7439-95-4 7439-95-4 | 1151 | | mg/kg i | | V V |
| | BH40073AE BH40086AE | 10 | | MAGNESIUM | 7439-95-4 | 1063 | | | | |
| 42193 | BH40091AE | 16 | | MAGNESIUM | 7439-95-4 | 1000 1000 | | mg/kg mg/kg | | V V |
| 42193 | BH40144AE | 7 | | MAGNESIUM | 7439-95-4 | 2195 | | mg/kg mg/kg | | V |
| | BH40160AE | 6 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg mg/kg | | V |
| | BH40170AE | 6 | | MAGNESIUM | 7439-95-4 | 1225 | | mg/kg | | v V |
| | BH40191AE | 6 | | | 7439-95-4 | 1183 | | mg/kg | | v |
| | BH40204AE | 6 | | | 7439-95-4 | 1000 | | mg/kg | | v |
| | BH40206AE | 10 | | | 7439-95-4 | 1000 | | | | <u>v</u> |
| | | 0 | | 10.16010111 | . +00 00 4 | 1000 | 090 | ···9/ ^9 | | <u> </u> |

| 12.0 | | | | 701017000110 | esults for Subst | mace don's Gi | cater illa | II O FEEL | - means | |
|-------------------------------|-----------------|--------------|---------------------------------------|-------------------------------------|------------------------|---------------|-------------------|-----------|---|---------------|
| 1. 1 | and the second | | | | | | The second second | | LAB | |
| LOCATION | | | DEPTH UNIT | 100 | | DETECTION | | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END CODE | ANALYTE | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 41693 | BH40220AE | 6 | | MAGNESIUM | 7439-95-4 | 1170 | | mg/kg | *************************************** | J |
| | BH40246AE | 6 | | MAGNESIUM | 7439-95-4 | 1114 | | mg/kg | | J |
| <u> </u> | BH40256AE | 6 | | | 7439-95-4 | | | | | |
| | | | | MAGNESIUM | | 1000 | | mg/kg | | V |
| | BH40258AE | 11 | 13¦FT | MAGNESIUM | 7439-95-4 | 1000 | 1350 | mg/kg | | V |
| | BH40264AE | 6 | 8 FT | MAGNESIUM | 7439-95-4 | 2119 | 1610 | mg/kg | | V |
| 42593 | BH40290AE | 10 | 17 FT | MAGNESIUM | 7439-95-4 | 1000 | 3190 | mg/kg | | V |
| 43193 | BH40309AE | 6 | 11/FT | MAGNESIUM | 7439-95-4 | 1140 | | mg/kg | | j |
| | BH40324AE | 8 | 13 FT | MAGNESIUM | 7439-95-4 | | 2020 | // | | |
| | | | | | | 1000 | 3620 | mg/kg | | V |
| | BH40335AE | 6 | | MAGNESIUM | 7439-95-4 | 1000 | 1370 | mg/kg | | V |
| | BH40351AE | 6 | 10 FT | MAGNESIUM | 7439-95-4 | 1070 | | mg/kg | | J |
| 45893 | BH40380AE | 6 | 9 FT | MAGNESIUM | 7439-95-4 | 1000 | 2130 | mg/kg | | V |
| 45893 | BH40382AE | 9 | | MAGNESIUM | 7439-95-4 | 1000 | 1530 | mg/kg | | V |
| | BH40414AE | 8 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | v |
| | BH40415AE | | | | | | 2000 | mg/kg | | |
| | | 20 | 29 FT | MAGNESIUM | 7439-95-4 | 1000 | . 1170 | mg/kg | | V |
| | BH40416AE | 31 | 35 FT | MAGNESIUM | 7439-95-4 | 1000 | 2280 | mg/kg | | V |
| 41593 | BH40424AE [| 6 | 8 FT | MAGNESIUM | 7439-95-4 | 1000 | 2390 | mg/kg | | V |
| 42193 | BH40430AE | 22 | 28 FT | MAGNESIUM | 7439-95-4 | 1000 | 2500 | mg/kg | | V |
| | BH40432AE | 6 | | MAGNESIUM | 7439-95-4 | 1000 | | | | |
| | | | | | | | 1210 | mg/kg | | V |
| | BH40433AE | 28 | | MAGNESIUM | 7439-95-4 | 1000 | 2730 | mg/kg | | V |
| | BH40445AE | 8 | | MAGNESIUM | 7439-95-4 | 1000 | 2350 | mg/kg | | V |
| | BH40450AE | 8 | 10 FT | MAGNESIUM | 7439-95-4 | 1000 | 2800 | mg/kg | i | V |
| 43693 | BH40521AE | 6 | 8 FT | MAGNESIUM | 7439-95-4 | 1000 | 1040 | | | v |
| | BH40522AE | 8 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | <u>v</u> V |
| | BH40525AE | | | | | | 1110 | mg/kg | | |
| | | 10 | | MAGNESIUM | 7439-95-4 | 1000 | 3800 | mg/kg | | V |
| | BH40711AE | 9 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| 46593 | BH40713AE | 11 | 16 FT | MAGNESIUM | 7439-95-4 | 1000 | 2970 | mg/kg | | V |
| 46693 | BH40726AE | 7 | 8 FT | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | v |
| 46693 | BH40728AE | 9. | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | <u>v</u> |
| | BH40740AE | | | | | | | | | |
| | | 6 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| | BH40742AE | 8 | | MAGNESIUM | 7439-95-4 | 1000 | 2940 | mg/kg | ľ | V |
| | BH40748AE | 7 | 9 FT | MAGNESIUM | 7439-95-4 | 1000 | 2920 | mg/kg | | V |
| 46893 | BH40749AE | 9 | 11 FT | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | B i | v |
| 46893 | BH40754AE | 12 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | · |
| | BH40768AE | 6 | 7 FT | MAGNESIUM | 7439-95-4 | | | | | |
| | | | | | | 1000 | | mg/kg | | V |
| | BH40770AE | 7 | | MAGNESIUM | 7439-95-4 | 1000 | | mg/kg | | V |
| | BH40776AE | 7 | 9 FT | MAGNESIUM | 7439-95-4 | 5000 | 1490 | mg/kg | 1 | V |
| P207589 | SEP0389BR0915 | 9 | 15 FT | MAGNESIUM | 7439-95-4 | 2000 | 4030 | mg/kg | 11 | |
| P.207589 | SEP0389BR1521 | 15 | 21 FT | MAGNESIUM | 7439-95-4 | 2000 | 2800 | mg/kg | | <i>V</i> |
| | SEP1689BR1016 | 10 | | MAGNESIUM | 7439-95-4 | 2000 | 1040 | mg/kg | | |
| | SEP1789BR0915 | | | | | | 1940 | mg/kg | | V |
| | | 9 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | / |
| | SEP1889BR1218 | 12 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | 1 | ✓ |
| | SEP1889BR1824 | 18 | 24 FT | MAGNESIUM | 7439-95-4 | 2000 | 1940 | mg/kg | 1 | / |
| P209189 | SEP1989BR1016 | 10 | 16 FT | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | / |
| | SEP1989BR1622 | 16 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | / |
| | SEP2289BR0912 | 9 | | | | | | | | |
| | | | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | |
| | SEP2289BR1213 | 12 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | ٩ |
| | SEP2289BR1416 | 14 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | Α |
| P,209489 | SEP2289BR1621 | 16 | 21 FT | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | |
| P209589 | SEP2389BR1015 | 10 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | |
| | SEP2689BR1016 | 10 | | MAGNESIUM | 7439-95-4 | 2000 | | | | |
| | SEP3089BR0915 | | | | | | 2120 | | | |
| | | 9 | | MAGNESIUM | 7439-95-4 | 2000 | 1000 | | | |
| | SEP3089BR1521 | 15 | | MAGNESIUM | 7439-95-4 | 2000 | 2370 | mg/kg | | / |
| | SEP3089BR2127 | 21 | 27 FT | MAGNESIUM | 7439-95-4 | 2000 | 2080 | | 1 | / |
| P210289 | SEP3189BR0713 | 7 | 13 FT | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | | |
| | SEP3189BR1319 | 13 | | MAGNESIUM | 7439-95-4 | 2000 | | mg/kg | <u> </u> | |
| | BH00064AE | 6 | | | | | | | | |
| | | | | MANGANESE | 7439-96-5 | 10 | | mg/kg / | | |
| | BH00069AE | 6 | | MANGANESE | 7439-96-5 | 10 | | mg/kg | | / |
| | BH00079AE | 18 | 22 FT | MANGANESE | 7439-96-5 | 10 | 30.2 | mg/kg I | V | |
| 05393 | BH00081AE | 6 | 12 FT | MANGANESE | 7439-96-5 | 10 | | mg/kg I | | |
| 05393 | BH00084AE | 12 | | MANGANESE | 7439-96-5 | 10 | | ng/kg / | | |
| | BH40005AE | 6 | | MANGANESE | | | | | | |
| | BH40052AE | | · · · · · · · · · · · · · · · · · · · | | 7439-96-5 | 3.4 | | ng/kg | | |
| | CACHAN RESTANCE | 6 | 8 FT | MANGANESE | 7439-96-5 | 3 | | ng/kg E | EN* | |
| 11193 E | | | 40 == | | | | | | | |
| 11193 E | BH40065AE | 6 | | MANGANESE | 7439-96-5 | 3 | | ng/kg | . J | |
| 11193 E 11993 E 13893 E | | 6 6 10 | 11 FT | MANGANESE MANGANESE MANGANESE | 7439-96-5 7439-96-5 | 3 | | ng/kg f | | |



| | Table A.9 Sola | ar Evapor | ation Pond AOC | - Analytical Resu | Its for Subsu | rface Soils G | reater Thar | 6 Feet | | |
|------------------|--------------------------------|-----------|----------------|---------------------------------------|------------------------|--------------------|--------------|----------------|----------------------------|-------------------------|
| LOCATION CODE | SAMPLE NUMBER | | DEPTH UNIT | ANALYTE | CAS NO | DETECTION LIMIT | | UNITS | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| 42193 | BH40091AE | 16 | 22 FT | | 7439-96-5 | 10 | | | N* | J |
| 42993 | BH40144AE | 7 | | | 7439-96-5 | 3 | | mg/kg | | j |
| | BH40160AE | 6 | | | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40170AE | 6 | | | 7439-96-5 | 4 | | mg/kg | <u></u> | J |
| | BH40191AE | 6 | | | 7439-96-5 | 4 | | mg/kg | - | J |
| | BH40204AE | 6 | | <u> </u> | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40206AE | 10 | | | 7439-96-5 | 10 | | mg/kg mg/kg | | |
| | BH40220AE | 6 | | | 7439-96-5 7439-96-5 | 4 | | mg/kg mg/kg | | J |
| | BH40246AE BH40256AE | 6 | | | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40258AE | 11 | | | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40264AE | 6 | | | 7439-96-5 | 3 | | mg/kg | | J |
| | BH40290AE | 10 | | | 7439-96-5 | 10 | · | mg/kg | | j |
| | BH40309AE | 6 | | | 7439-96-5 | 3 | | mg/kg | | J |
| | BH40324AE | 8 | | | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40335AE | 6 | | | 7439-96-5 | 10 | 505 | mg/kg | | V |
| 44093 | BH40351AE | 6 | 10 FT | MANGANESE | 7439-96-5 | 3 | 133 | mg/kg | E | J |
| 45893 | BH40380AE | 6 | 9 FT | MANGANESE | 7439-96-5 | 10 | 127 | mg/kg | | V |
| 45893 | BH40382AE | 9 | 18 FT | | 7439-96-5 | 10 | · | mg/kg | | V |
| | BH40414AE | 8 | | | 7439-96-5 | 10 | · | mg/kg | | V |
| | BH40415AE | 20 | | | 7439-96-5 | 10 | | mg/kg | | V |
| · | BH40416AE | 31 | | | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40424AE | 6 | | | 7439-96-5 | 10 | | mg/kg | | V |
| <u> </u> | BH40430AE | 22 | | | 7439-96-5 | 10 | | mg/kg | | J · |
| | BH40432AE | 6 | | · | 7439-96-5 | 10 | | mg/kg mg/kg | | V |
| | BH40433AE BH40445AE | 28 8 | | | 7439-96-5 7439-96-5 | 10 | | mg/kg | | J |
| | BH40450AE | 8 | | | 7439-96-5 | 10 | | mg/kg | | V |
| | BH40521AE | 6 | | · | 7439-96-5 | 10 | | mg/kg | | J |
| | BH40522AE | 8 | | | 7439-96-5 | 10 | | | N* | J |
| | BH40525AE | 10 | | | 7439-96-5 | 10 | | mg/kg | | j |
| | BH40711AE | 9 | | | 7439-96-5 | 3 | | mg/kg | | V |
| 46593 | BH40713AE | 11 | 16 FT | MANGANESE | 7439-96-5 | 3 | 47 | mg/kg | * | V |
| 46693 | BH40726AE | 7 | 8 FT | MANGANESE | 7439-96-5 | 3 | 27.4 | mg/kg | * | ٧ |
| | BH40728AE | 9 | | | 7439-96-5 | 3 | | mg/kg | | V |
| 46793 | BH40740AE | 6 | | | 7439-96-5 | 3 | | | | J |
| | BH40742AE | 8 | · | | 7439-96-5 | 3 | | | N* | J |
| <u></u> | BH40748AE | 7 | | | 7439-96-5 | 3 | | mg/kg | | J |
| | BH40749AE | 9 | | · · · · · · · · · · · · · · · · · · · | 7439-96-5 | 3 | | mg/kg | | J |
| 46893 | BH40754AE | 12 | | | 7439-96-5 | 3 | | mg/kg mg/kg | | J |
| 46993 46993 | BH40768AE BH40770AE | 6 7 | | | 7439-96-5 7439-96-5 | 3 | | mg/kg | | J |
| 47093 | BH40776AE | 7 | | | 7439-96-5 | 15 | | mg/kg | · | ∨ · |
| | SEP0389BR0915 | 9 | | | 7439-96-5 | 3 | | mg/kg | <u> </u> | A |
| | SEP0389BR1521 | 15 | | | 7439-96-5 | 3 | | mg/kg | | A |
| | SEP1689BR1016 | 10 | 15 FT | \$200 | 7439-96-5 | 3 | | mg/kg | | Α |
| H | SEP1789BR0915 | 9 | | | 7439-96-5 | 3 | 47.3 | mg/kg | | V |
| | SEP1889BR1218 | 12 | 18 FT | MANGANESE | 7439-96-5 | 3 | 140 | mg/kg | | V |
| P209089 | SEP1889BR1824 | 18 | | | 7439-96-5 | 3 | | mg/kg | <u> </u> | V |
| | SEP1989BR1016 | 10 | | | 7439-96-5 | 3 | | mg/kg | | Α |
| | SEP1989BR1622 | 16 | 22 FT | | 7439-96-5 | 3 | | mg/kg | | A |
| | SEP2289BR0912 | 9 | | | 7439-96-5 | 3 | 29.4 | mg/kg | | A |
| | SEP2289BR1213 | 12 | | | 7439-96-5 | 3 | | mg/kg | | A |
| | SEP2289BR1416 SEP2289BR1621 | 14 | 16 FT 21 FT | | 7439-96-5 7439-96-5 | 3 | | mg/kg mg/kg | | A A |
| | SEP2289BR1621 SEP2389BR1015 | 16 10 | 21 F1 14 FT | | 7439-96-5 7439-96-5 | 3 | | mg/kg mg/kg | | A |
| | SEP2689BR1016 | 10 | | | 7439-96-5 | 3 | | mg/kg | <u> </u> | Ŷ |
| | SEP3089BR0915 | 9 | | | 7439-96-5 | 3 | | mg/kg | | A |
| · | SEP3089BR1521 | 15 | | | 7439-96-5 | 3 | | mg/kg | | A |
| | SEP3089BR2127 | 21 | | | 7439-96-5 | 3 | | mg/kg | | A |
| | SEP3189BR0713 | 7 | | | 7439-96-5 | 3 | · | mg/kg | | v |
| | SEP3189BR1319 | 13 | | | 7439-96-5 | 3 | | mg/kg | | V |
| 05093 | BH00064AE | 6 | | | 7439-97-6 | 0.2 | | mg/kg | | V |
| 05193 | BH00069AE | 6 | | | 7439-97-6 | 0.2 | 0.16 | mg/kg | บ | V |
| 05393 | BH00079AE | 18 | 22 FT | MERCURY | 7439-97-6 | 0.2 | 0.12 | mg/kg | U | V |
| | | | | | | | | | | |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB DEPTH DETECTION RESULT VALIDATION LOCATION DEPTH TINU CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER ANALYTE SAMPLE NUMBER | START | END | CODE CODE MERCURY 7439-97-6 0.2 0.12 mg/kg U BH00081AE 12 FT 05393 0.2 V 18! FT MERCURY 7439-97-6 0.12 mg/kg U 05393 BH00084AE 12 41193 BH40052AE 6 8 FT MERCURY 7439-97-6 0.04 0.11 mg/kg U 1/ 7439-97-6 0.14 mg/kg ĪV 0.05 MERCURY 41993 BH40065AE 6 12! FT BH40073AE 6 11|FT MERCURY 7439-97-6 0.04 0.11 mg/kg | U V 43893 V 7439-97-6 0.2 0.12 mg/kg | U 42193 BH40086AE 10 16 FT MERCURY BH40091AE 16 22 FT MERCURY 7439-97-6 0.2 0.13 mg/kg | U IV 42193 7439-97-6 0.16 mg/kg J 0.2 42993 BH40144AE 7 10 FT MERCURY BH40160AE 6 8 FT MERCURY 7439-97-6 0.2 0.12 mg/kg U J 40793 0.15 mg/kg V 7439-97-6 0.05 40093 BH40170AE 6 8 FT MERCURY BH40191AE 6 12 FT MERCURY 7439-97-6 0.05 0.11 mg/kg B $\overline{\mathsf{v}}$ 44893 0.11 mg/kg U L 40993 BH40204AE 6 10|FT MERCURY 7439-97-6 0.2 BH40206AE 19 FT MERCURY 7439-97-6 0.2 0.11 mg/kg U V 40993 10 V BH40220AE 6 12 FT MERCURY 7439-97-6 0.05 0.12 mg/kg U 41693 BH40246AE 6 11 FT MERCURY 7439-97-6 0.04 0.11 mg/kg U IV 41793 BH40256AE 11 FT MERCURY 7439-97-6 0.2 0.18 mg/kg U W 42293 6 BH40258AE 11 13 FT MERCURY 7439-97-6 0.2 0.16 mg/kg U 42293 42393 BH40264AE 6 8 FT MERCURY 7439-97-6 0.2 0.16 mg/kg l.J 10 17 FT MERCURY 7439-97-6 0.2 0.12 mg/kg U V BH40290AE 42593 BH40309AE 11 FT MERCURY 7439-97-6 0.05 0.11 mg/kg | U V 43193 6 13 FT MERCURY 7439-97-6 0.2 0.12 mg/kg UN J BH40324AE 8 43393 BH40335AE 12 FT MERCURY 7439-97-6 0.2 0.11 mg/kg U 43793 6 J MERCURY 7439-97-6 0.04 IV 44093 BH40351AE 6 10 FT 0.11 mg/kg U 7439-97-6 0.12 mg/kg U ĪV 45893 BH40380AE 6 9 FT MERCURY 0.2 18 FT MERCURY 7439-97-6 0.2 0.12 mg/kg | U V 45893 BH40382AE g 7439-97-6 40793 BH40414AE 8 13 FT MERCURY 0.2 0.12 mg/kg U J 7439-97-6 V 40993 BH40415AE 20 29 FT MERCURY 0.2 0.11 mg/kg | U 40993 BH40416AE 31 35 FT MERCURY 7439-97-6 0.2 0.12 mg/kg U V IV 41593 BH40424AE 6 8 FT MERCURY 7439-97-6 0.2 0.18 mg/kg U BH40430AE 28 FT MERCURY 7439-97-6 0.2 0.12 mg/kg U V 42193 22 42193 BH40432AE 6 10 FT MERCURY 7439-97-6 0.2 0.11 mg/kg UN J BH40433AE 28 31 FT MERCURY 7439-97-6 0.2 0.12 mg/kg UN 42193 IJ 42493 BH40445AE 8 10 FT MERCURY 7439-97-6 0.2 0.12 mg/kg U BH40450AE 10 FT MERCURY 7439-97-6 0.2 0.12 mg/kg | U 42593 8 BH40521AE 6 8 FT MERCURY 7439-97-6 0.2 0.1 mg/kg | U IV 43693 MERCURY 7439-97-6 0.2 V BH40522AE 8 10 FT 0.1 mg/kg | U 43693 BH40525AE 10 13 FT MERCURY 7439-97-6 0.2 0.12 mg/kg īV 43693 U MERCURY 7439-97-6 0.1 IJ 11 FT 0.12 mg/kg UN 46593 BH40711AE 9 BH40713AE 16 FT MERCURY 7439-97-6 0.1 mg/kg UN IJ 46593 11 0.1 7439-97-6 MERCURY 0.1 J 8 FT 0.1 mg/kg UN 46693 BH40726AE 7 7439-97-6 0.17 mg/kg N 46693 BH40728AE 9 15 FT MERCURY 0.1 7439-97-6 V MERCURY 0.1 0.12 mg/kg | U 46793 BH40740AE 6 8 FT ν 46793 BH40742AE 8 15 FT MERCURY 7439-97-6 0.1 0.12 mg/kg U 7439-97-6 46893 BH40748AE 7 9 FT MERCURY 0.1 0.06 mg/kg | B IJ 46893 BH40749AE 9 11|FT MERCURY 7439-97-6 0.1 0.05 mg/kg U 46893 BH40754AE 12 12 FT MERCURY 7439-97-6 0.1 0.06 mg/kg | U J 46993 BH40768AE 6 7 FT **IMERCURY** 7439-97-6 0.1 0.26 mg/kg J 46993 BH40770AE 7 13 FT MERCURY 7439-97-6 0.1 0.06 mg/kg U J 47093 BH40776AE 7 9 FT MERCURY 7439-97-6 0.2 0.1 mg/kg | U P207589 SEP0389BR0915 9 15 FT MERCURY 7439-97-6 0.3 1.8 mg/kg A 15 21 FT MERCURY 7439-97-6 0.3 2.1 mg/kg Α P207589 SEP0389BR1521 0.51 mg/kg P209089 SEP1889BR1824 18 24 FT MERCURY 7439-97-6 0.3 Α 7439-97-6 0.3 0.14 mg/kg IV P209189 SEP1989BR1016 10 16 FT MERCURY 22 FT MERCURY 7439-97-6 0.3 0.12 mg/kg V P209189 SEP1989BR1622 16 15 FT MERCURY 7439-97-6 0.3 0.11 mg/kg U īV P210189 SEP3089BR0915 ٩ SEP3089BR1521 15 21 FT MERCURY 7439-97-6 V P210189 0.3 0.13 mg/kg | U 27 FT MERCURY 7439-97-6 0.3 V SEP3089BR2127 21 0.12 mg/kg | U P210189 12 FT MOLYBDENUM 7439-98-7 20 4.5 mg/kg 05093 BH00064AE 6 ļυ IJ 11|FT MOLYBDENUM 7439-98-7 20 4.4 mg/kg U IJ 05193 BH00069AE 6 22 FT 20 05393 BH00079AE 18 MOLYBDENUM 7439-98-7 4.7 mg/kg | U IJ 12 FT MOLYBDENUM | 7439-98-7 4.9 mg/kg U 20 05393 BH00081AE 6 J MOLYBDENUM 7439-98-7 20 4.8 mg/kg U 05393 BH00084AE 12 18|FT V 11 FT 45.5 4.5 mg/kg U MOLYBDENUM 7439-98-7 44593 BH40005AE 6 8 FT MOLYBDENUM 7439-98-7 41193 BH40052AE 6 42 4.2 mg/kg | U J 12 FT MOLYBDENUM | 7439-98-7 46



41993

BH40065AE

6

4.6 mg/kg | U

| , | Table A.9 Sola | ar Evapo | ration Pon | d AOC | - Analytical Res | ults for Subsu | rface Soils Gr | eater Tha | n 6 Feet | - Metals | |
|-----------------------------|--------------------------------|----------|--------------------------------------|---|--------------------------|----------------|--------------------|--------------------|----------------|---------------|-------------------------|
| LOCATION | SAMPLE NUMBER | DEPTH | DEPTH | UNIT | | | DETECTION LIMIT | | | LAB RESULT | VALIDATION QUALIFIER |
| Contract Carl and Carl Carl | BH40073AE | 6 | A Transport Company of Salary Salary | -T | MOLYBDENUM | | 43 | | mg/kg | | J |
| | BH40086AE | 10 | 16 1 | -T | MOLYBDENUM | | 20 | | mg/kg | | J |
| 42193 | BH40091AE | 16 | 22 | | MOLYBDENUM | | 20 | | mg/kg | | J |
| | BH40144AE | 7 | | | MOLYBDENUM | | 44 | | mg/kg | | J |
| | BH40160AE | 6 | | | MOLYBDENUM | | 20 | | | | J J |
| | BH40170AE | 6 | | | MOLYBDENUM | | 49 47 | | mg/kg mg/kg | | J |
| 44893 | BH40191AE | 6 | | | MOLYBDENUM MOLYBDENUM | | 20 | | | | j |
| 40993 | BH40204AE BH40206AE | 6 10 | <u> </u> | - I - T | MOLYBDENUM | 7439-98-7 | 20 | | | | V |
| | BH40220AE | 6 | | - <u>-</u> | MOLYBDENUM | 7439-98-7 | 47 | | mg/kg | | J |
| | BH40246AE | 6 | | | MOLYBDENUM | | 45 | | | U . | J |
| | BH40256AE | 6 | | | MOLYBDENUM | | 20 | 4.7 | mg/kg | U | J |
| 42293 | BH40258AE | 11 | | Т | MOLYBDENUM | 7439-98-7 | 20 | | mg/kg | | J |
| 42393 | BH40264AE | 6 | 8 | -T | MOLYBDENUM | 7439-98-7 | 42 | 4.2 | | \- <u></u> | J |
| 42593 | BH40290AE | 10 | | | MOLYBDENUM | | 20 | | | | <u>J</u> |
| 43193 | BH40309AE | 6 | | | MOLYBDENUM | | 46 | | mg/kg | | J |
| 43393 | BH40324AE | 8 | | | MOLYBDENUM | | 20 | | mg/kg | | J |
| 43793 | BH40335AE | 6 | | | MOLYBDENUM | | 20 43 | | mg/kg mg/kg | | J |
| 44093 | BH40351AE | 6 | | | MOLYBDENUM | | 20 | | mg/kg mg/kg | | V |
| 45893 45893 | BH40380AE BH40382AE | 9 | | | MOLYBDENUM | | 20 | | mg/kg | · | v · |
| 40793 | BH40414AE | 8 | · | | MOLYBDENUM | | 20 | | mg/kg | | J |
| 40993 | BH40415AE | 20 | | | MOLYBDENUM | | 20 | | mg/kg | | V |
| 40993 | BH40416AE | 31 | | | MOLYBDENUM | 7439-98-7 | 20 | | | | V |
| 41593 | BH40424AE | 6 | | FT | MOLYBDENUM | | 20 | 4.8 | mg/kg | U | J |
| 42193 | BH40430AE | 22 | 28 | FT | MOLYBDENUM | | 20 | | mg/kg | | J |
| 42193 | BH40432AE | 6 | | | MOLYBDENUM | | 20 | · | mg/kg | | J |
| 42193 | BH40433AE | 28 | <u></u> | | MOLYBDENUM | | 20 | , year | | U | J |
| 42493 | BH40445AE | 8 | | | MOLYBDENUM | | 20 | | | | V V |
| 42593 | BH40450AE | | | | MOLYBDENUM | | 20 | | mg/kg mg/kg | | J |
| 43693 | BH40521AE | 8 | | | MOLYBDENUM | | 20 | | mg/kg | | J |
| 43693 43693 | BH40522AE BH40525AE | 10 | | | MOLYBDENUM | | 20 | | | U | J |
| 46593 | BH40711AE | 9 | | | MOLYBDENUM | | 40 | <u> </u> | | | V |
| 46593 | BH40713AE | 11 | | | MOLYBDENUM | | 40 | | | U | V |
| 46693 | BH40726AE | 7 | 8 | FT | MOLYBDENUM | 7439-98-7 | 40 | 1.5 | mg/kg | | V |
| 46693 | BH40728AE | 9 | 15 | FT | MOLYBDENUM | | 40 | <u> </u> | | \ | V |
| 46793 | BH40740AE | (| <u> </u> | *************************************** | MOLYBDENUM | | 40 | | | <u> </u> | V |
| 46793 | BH40742AE | ٤ ا | | | MOLYBDENUM | | 40 | | | } | J |
| 46893 | BH40748AE | 7 | | FT | MOLYBDENUM | | 40 | <u></u> | | | V |
| 46893 | BH40749AE | 9 | | | MOLYBDENUM | | 40 | | | U | J |
| 46893 | BH40754AE | 12 | | F1 FT | MOLYBDENUM | | 40 | | mg/kg | | V |
| 46993 46993 | BH40768AE BH40770AE | | 13 | | MOLYBDENUM | | 40 | | mg/kg | | v - |
| 47093 | BH40776AE | | | FT | MOLYBDENUM | | 200 | | mg/kg | | J |
| P207589 | SEP0389BR0915 | 9 | | | MOLYBDENUM | | 40 | | mg/kg | | ٧ |
| P207589 | SEP0389BR1521 | 15 | | | MOLYBDENUM | | 40 | 5.7 | mg/kg | | V |
| P208889 | SEP1689BR1016 | 10 | 15 | FT | MOLYBDENUM | 7439-98-7 | 40 | | mg/kg | ·i | V |
| P208989 | SEP1789BR0915 | 9 | | | MOLYBDENUM | | 40 | | mg/kg | | V |
| P209089 | SEP1889BR1218 | 12 | | | MOLYBDENUM | | 40 | | mg/kg | | V |
| P209089 | SEP1889BR1824 | 18 | | | MOLYBDENUM | | 40 | | mg/kg | U | V |
| P209189 | SEP1989BR1016 | 10 | | | MOLYBDENUM | | 40 | <u></u> | mg/kg mg/kg | | A A |
| P209189 | SEP1989BR1622 | 16 | | | MOLYBDENUM | | 40 | | mg/kg mg/kg | II. | V |
| P209589 P209889 | SEP2389BR1015 SEP2689BR1016 | 10 | | | MOLYBDENUM | | 40 | | mg/kg | <u> </u> | V |
| P210189 | SEP3089BR0915 | 1 9 | | | MOLYBDENUM | | 40 | | mg/kg | | V |
| P210189 | SEP3089BR1521 | 15 | | | MOLYBDENUM | | 40 | | mg/kg | | V |
| P210189 | SEP3089BR2127 | 2 | | | MOLYBDENUM | | 40 | | mg/kg | U | V |
| P210289 | SEP3189BR0713 | | 13 | | MOLYBDENUM | | 40 | 3.8 | mg/kg | | ٧ |
| P210289 | SEP3189BR1319 | 13 | | FT | MOLYBDENUM | | 40 | | mg/kg | | V |
| 05093 | BH00064AE | | 12 | | NICKEL | 7440-02-0 | 20 | | mg/kg | <u> </u> | V |
| 05193 | BH00069AE | ···· | 11 | | NICKEL | 7440-02-0 | 20 | | mg/kg | | J |
| 05393 | BH00079AE | 18 | | | NICKEL | 7440-02-0 | 20 | | 2 mg/kg | | V |
| 05393 | BH00081AE | 1 | | | NICKEL | 7440-02-0 | 20 | | mg/kg | - | V |
| 05393 | BH00084AE | 12 | 2 18 | ГІ | NICKEL | 7440-02-0 | 20 | 10.2 | 2 mg/kg | 1 | 1 4 |

| COOPE SAMPLE NUMBER DEPTH UNIT COS NAVYTE COS | | Table A.9 Sola | ar Evapo | ration Pol | nd AOC | - Analytical Resu | iits for Subst | inace Solis G | reater Ina | n 6 Feet | | |
|--|--|----------------|--------------------------|-------------|--------|-------------------|----------------|--|-------------|-------------|---------------------------------------|--------------|
| SCOOLE SAMPLE NUMBER START SEND COOLE SAMPLY SAMPLE NUMBER START SEND COOLE START SEND COOLE START SEND COOLE START SEND COOLE START SEND COOLE START SEND COOLE START SEND COOLE START SEND COOLE START SEND SEND COOLE START SEND SEND COOLE START SEND SEND COOLE START SEND SE | | | | | | | | | | | LAB | |
| ## ## ## ## ## ## ## # | LOCATION | | DEPTH | DEPTH | UNIT | | | DETECTION | | | | VALIDATION |
| HARDOSALE 6 | CODE | SAMPLE NUMBER | START | END | CODE | ANALYTE | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER: |
| 1979 1970 | The state of the s | | Objection and Additional | | | | 7440-02-0 | CONTRACTOR A CONTRACTOR OF THE | 14.2 | ma/ka | an a recombination of the contraction | V |
| 43933 BH40075AE 6 12 FT NICKEL 744-0-2-0 9 4.8 mg/kg B 42933 BH40075AE 6 11 FT NICKEL 744-0-2-0 9 8.1 mg/kg B 42193 BH4008AE 10 16 FT NICKEL 744-0-2-0 20 17 mg/kg B 42193 BH4008AE 10 16 FT NICKEL 744-0-2-0 20 17 mg/kg B 42193 BH4016AAE 7 10 FT NICKEL 744-0-2-0 20 4.4 mg/kg U 42933 BH4016AAE 7 10 FT NICKEL 744-0-2-0 20 6.8 mg/kg B 42933 BH4016AAE 6 8 FT NICKEL 744-0-2-0 10 15.4 mg/kg B 42933 BH4016AAE 6 8 FT NICKEL 744-0-2-0 10 15.4 mg/kg B 42933 BH4016AAE 6 12 FT NICKEL 744-0-2-0 9 8.8 mg/kg B 43933 BH4026AAE 6 10 FT NICKEL 744-0-2-0 20 82.1 mg/kg B 43933 BH4026AAE 6 10 FT NICKEL 744-0-2-0 20 7.7 mg/kg B 43 m | | | | | | | | | | | | V |
| 1989 19840095AE | | | | | | | | | | | <u></u> | V |
| 42193 BH40096AE | | | | | | | | | | | | v · |
| 42933 BH40191AE | | | | | | | | <u> </u> | | | 1 | |
| APPROX | | | | | | | | | | | | V |
| 40793 | 42193 | BH40091AE | 16 | 22 | | | 7440-02-0 | | | | | V |
| 460933 BH40170AE | 42993 | BH40144AE | 7 | 10 | FT | NICKEL | 7440-02-0 | 9 | 4.4 | mg/kg | U | V |
| 460933 BH40170AE | 40793 | BH40160AE | 6 | 8 | FT | NICKEL | 7440-02-0 | 20 | 8.6 | mg/kg | В | J |
| September Sept | | | | | | | 7440-02-0 | 10 | | | | V |
| Applied Philosophe | | | | | | | | | | | | V |
| 40993 BH40220AE | | | | | | | | | | | | j |
| 41933 BH4029AAE | | | | | | | | | | | <u> </u> | 5 |
| 41793 BH40258AE 6 | | | | | | | | <u> </u> | · | | В | |
| | | | | | | | | | | | | V |
| | 41793 | BH40246AE | 6 | 11 | | | | | | | U | ٧ . |
| | 42293 | BH40256AE | 6 | 11 | FT | NICKEL | 7440-02-0 | 20 | 11.2 | mg/kg | | J |
| ## ## ## ## ## ## ## # | 42293 | BH40258AE | 11 | 13 | | | 7440-02-0 | 20 | | | В | J |
| Agess | | | | | | | | <u></u> | | | | V |
| 187193 BH40324AE 6 | | | | | | | | | · | | | · |
| 43393 BH40335AE | | | | | | | | | | | | |
| 43793 BH40353AE 6 12 FT NICKEL 7440-02-0 9 10.8 mg/kg 45893 BH40350AE 6 9 FT NICKEL 7440-02-0 20 15.1 mg/kg 45893 BH40380AE 9 18 FT NICKEL 7440-02-0 20 15.1 mg/kg 46893 BH40350AE 9 18 FT NICKEL 7440-02-0 20 15.1 mg/kg 46993 BH40415AE 8 13 FT NICKEL 7440-02-0 20 16.7 mg/kg 40993 BH40415AE 20 29 FT NICKEL 7440-02-0 20 26.2 mg/kg 41593 BH40415AE 31 35 FT NICKEL 7440-02-0 20 26.2 mg/kg 41593 BH40415AE 6 8 FT NICKEL 7440-02-0 20 4.8 mg/kg U 42193 BH40415AE 6 8 FT NICKEL 7440-02-0 20 4.8 mg/kg U 42193 BH40430AE 22 28 FT NICKEL 7440-02-0 20 1.8 mg/kg U 42193 BH40430AE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 42193 BH40430AE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 42493 BH40430AE 8 10 FT NICKEL 7440-02-0 20 10.1 mg/kg 42493 BH40430AE 8 10 FT NICKEL 7440-02-0 20 10.1 mg/kg 42593 BH40450AE 8 10 FT NICKEL 7440-02-0 20 19.8 mg/kg 42593 BH40550AE 8 10 FT NICKEL 7440-02-0 20 19.8 mg/kg 43693 BH40550AE 8 10 FT NICKEL 7440-02-0 20 19.8 mg/kg 43693 BH40550AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 8 43693 BH40550AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 8 43693 BH40550AE 10 13 FT NICKEL 7440-02-0 20 7.9 mg/kg 8 43693 BH40713AE 11 16 FT NICKEL 7440-02-0 20 7.9 mg/kg 8 43693 BH40750AE 7 8 FT NICKEL 7440-02-0 8 29.1 mg/kg 8 43693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 8 43693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 8 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 8 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 9 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 9 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 9 | | | | | | | | <u> </u> | | | | J |
| 44093 BH40380AE 6 0 FT NICKEL 7440-02-0 20 15.1 mg/kg 45893 BH40380AE 6 9 FT NICKEL 7440-02-0 20 14.3 mg/kg 40793 BH40140AE 8 13 FT NICKEL 7440-02-0 20 16.1 mg/kg 40993 BH40415AE 20 29 FT NICKEL 7440-02-0 20 26.2 mg/kg 40993 BH40415AE 20 29 FT NICKEL 7440-02-0 20 26.2 mg/kg 40993 BH40416AE 31 35 FT NICKEL 7440-02-0 20 17.5 mg/kg 41593 BH40424AE 6 6 FT NICKEL 7440-02-0 20 17.5 mg/kg 41593 BH40424AE 6 6 FT NICKEL 7440-02-0 20 12.6 mg/kg 42193 BH40430AE 22 28 FT NICKEL 7440-02-0 20 12.6 mg/kg 42193 BH40430AE 23 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 42193 BH40430AE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 42493 BH40430AE 28 31 FT NICKEL 7440-02-0 20 37.9 mg/kg 42493 BH40450AE 8 10 FT NICKEL 7440-02-0 20 16.9 mg/kg 42493 BH40450AE 8 10 FT NICKEL 7440-02-0 20 16.9 mg/kg 43693 BH40520AE 8 10 FT NICKEL 7440-02-0 20 6.6 mg/kg 43693 BH40520AE 8 10 FT NICKEL 7440-02-0 20 6.6 mg/kg 8 43693 BH40520AE 8 10 FT NICKEL 7440-02-0 20 6.6 mg/kg 8 43693 BH40520AE 8 10 FT NICKEL 7440-02-0 20 6.6 mg/kg 8 446593 BH40713AE 11 6 FT NICKEL 7440-02-0 20 5.1 mg/kg 8 446593 BH40713AE 11 6 FT NICKEL 7440-02-0 20 5.1 mg/kg 8 46693 BH40713AE 11 6 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 6 8 FT NICKEL 7440-02-0 | | | | | | | | | | | | V |
| 45993 BH40382AE 6 9 FT NICKEL 7440-02-0 20 15.1 mg/kg 47933 BH40382AE 9 18 FT NICKEL 7440-02-0 20 14.3 mg/kg 47933 BH40414AE 8 13 FT NICKEL 7440-02-0 20 16.7 mg/kg 47939 BH40415AE 20 29 FT NICKEL 7440-02-0 20 26.2 mg/kg 47939 BH40415AE 31 35 FT NICKEL 7440-02-0 20 4.8 mg/kg 41933 BH40436AE 31 35 FT NICKEL 7440-02-0 20 4.8 mg/kg 41933 BH40430AE 22 28 FT NICKEL 7440-02-0 20 4.8 mg/kg 42193 BH40430AE 6 6 8 FT NICKEL 7440-02-0 20 12.6 mg/kg 42193 BH40430AE 6 10 FT NICKEL 7440-02-0 20 10.1 mg/kg 42193 BH40430AE 8 10 FT NICKEL 7440-02-0 20 10.1 mg/kg 42193 BH40430AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 42593 BH40450AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 42593 BH40521AE 6 8 FT NICKEL 7440-02-0 20 17.9 mg/kg 42693 BH40521AE 6 8 FT NICKEL 7440-02-0 20 17.9 mg/kg 43693 BH40521AE 6 8 FT NICKEL 7440-02-0 20 17.9 mg/kg 43693 BH40521AE 6 8 FT NICKEL 7440-02-0 20 7.9 mg/kg 846933 BH40521AE 6 8 FT NICKEL 7440-02-0 20 7.9 mg/kg 846933 BH40521AE 9 11 FT NICKEL 7440-02-0 20 7.9 mg/kg 846933 BH4071AE 9 11 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 26.3 mg/kg 46693 BH40713AE 9 15 FT NICKEL 7440-02-0 8 26.3 mg/kg 46693 BH40713AE 7 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 8 46693 BH40740AE 6 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 8 46693 BH40740AE 7 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 8 466933 BH40740AE 7 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 8 46693 BH40760AE 7 | | | | | | | | <u> </u> | | | | J |
| 45893 BH40380AE 6 9 FT NICKEL 7440-02-0 20 15.1 mg/kg 45893 BH40382AE 9 18 FT NICKEL 7440-02-0 20 14.8 mg/kg 40933 BH40415AE 8 13 FT NICKEL 7440-02-0 20 26.2 mg/kg 40933 BH40415AE 20 29 FT NICKEL 7440-02-0 20 26.2 mg/kg 40933 BH40415AE 31 35 FT NICKEL 7440-02-0 20 4.8 mg/kg 41593 BH4042AAE 6 8 FT NICKEL 7440-02-0 20 4.8 mg/kg U 42193 BH40430AE 22 28 FT NICKEL 7440-02-0 20 4.8 mg/kg U 42193 BH40430AE 22 28 FT NICKEL 7440-02-0 20 4.8 mg/kg U 42193 BH40430AE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 42193 BH40430AE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 42493 BH40450AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 42593 BH40450AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 42593 BH405450AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 43693 BH4052AE 6 8 FT NICKEL 7440-02-0 20 17.9 mg/kg 43693 BH4052AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 43693 BH4052AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 43693 BH4052AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 43693 BH4052AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 26.3 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 26.3 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 26.3 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 26.3 mg/kg 43693 BH4071AE 9 11 FT NICKEL 7440-02-0 8 26.3 mg/kg 43693 BH4076AE | 44093 | BH40351AE | 6 | 10 | | | | 9 | 10.8 | mg/kg | | J |
| 14593 BH40343AE | | | 6 | 9 | FT | NICKEL | 7440-02-0 | 20 | | | | V |
| 40793 BH40414AE | | | | | | | | 20 | | | | V |
| 19993 BH40415AE 20 29 FT NICKEL 7440-02-0 20 26.2 mg/kg 140933 BH40416AE 31 35 FT NICKEL 7440-02-0 20 4.8 mg/kg U 14193 BH4042AE 6 8 FT NICKEL 7440-02-0 20 4.8 mg/kg U 142193 BH40430AE 22 28 FT NICKEL 7440-02-0 20 12.6 mg/kg 142193 BH40433AE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 142193 BH4043AAE 28 31 FT NICKEL 7440-02-0 20 10.1 mg/kg 142193 BH4043AAE 28 31 FT NICKEL 7440-02-0 20 37.9 mg/kg 142193 BH4043AAE 8 10 FT NICKEL 7440-02-0 20 15.9 mg/kg 142193 BH4043AAE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 142193 BH4045AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 143693 BH40525AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 143693 BH40525AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg 146593 BH40711AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg 146593 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 146593 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 146593 BH40713AE 11 16 FT NICKEL 7440-02-0 8 29.1 mg/kg 146593 BH40740AE 6 8 FT NICKEL 7440-02-0 8 29.1 mg/kg 146593 BH40740AE 6 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 146593 BH4074AAE 7 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 mg/kg 146693 BH4074AAE 7 9 FT NICKEL 7440-02-0 8 26.3 | | | | | | | | | | | | J |
| 40993 BH40416AE | | | | | | | | | | | | v v |
| A1593 BH40430AE | | | | | | | | | | | <u> </u> | |
| 42193 BH40430AE 22 28 FT NICKEL 7440-02-0 20 12.6 mg/kg 42193 BH40432AE 61 10 FT NICKEL 7440-02-0 20 10.1 mg/kg 42193 BH40433AE 28 31 FT NICKEL 7440-02-0 20 37.9 mg/kg 42493 BH4045AE 8 10 FT NICKEL 7440-02-0 20 16.9 mg/kg 42593 BH4045AE 8 10 FT NICKEL 7440-02-0 20 16.9 mg/kg 42593 BH40521AE 6 8 FT NICKEL 7440-02-0 20 6.6 mg/kg B 43693 BH40521AE 6 8 FT NICKEL 7440-02-0 20 6.6 mg/kg B 43693 BH40522AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg B 43693 BH40522AE 8 10 FT NICKEL 7440-02-0 20 7.9 mg/kg B 43693 BH40523AE 10 13 FT NICKEL 7440-02-0 20 51.5 mg/kg B 46693 BH40711AE 9 11 FT NICKEL 7440-02-0 8 29.1 mg/kg B 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 22.1 mg/kg B 46693 BH40728AE 9 15 FT NICKEL 7440-02-0 8 46.6 mg/kg B 46693 BH40740AE 6 8 FT NICKEL 7440-02-0 8 26.3 mg/kg B 46693 BH40740AE 6 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 46693 BH40740AE 8 15 FT NICKEL 7440-02-0 8 2.3 mg/kg 46693 BH40740AE 8 15 FT NICKEL 7440-02-0 8 2.3 mg/kg 46693 BH40740AE 8 15 FT NICKEL 7440-02-0 8 2.3 mg/kg 46693 BH40740AE 8 15 FT NICKEL 7440-02-0 8 2.3 mg/kg 8 46693 BH40740AE 9 11 FT NICKEL 7440-02-0 8 12.3 mg/kg 8 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 12.3 mg/kg 8 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 12.1 mg/kg 8 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 12.1 mg/kg 8 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 12.1 mg/kg 8 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 12.1 mg/kg 8 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 2.6 mg/kg B 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 2.6 mg/kg B 46693 BH4076AE 7 9 FT NICKEL 7440-02-0 8 2.6 mg/kg B 47093 BH4076AE 7 9 FT | | | | | | | | | | | | V |
| A2193 BH40433AE | | | <u> </u> | | | | | | | | | J |
| 42193 | 42193 | BH40430AE | 22 | 28 | FT | | | 20 | 12.6 | mg/kg | | V |
| A2493 | 42193 | BH40432AE | 6 | 10 | FT | NICKEL | 7440-02-0 | 20 | 10.1 | mg/kg | | V |
| A2493 | 42193 | BH40433AE | 28 | 31 | FT | NICKEL | 7440-02-0 | 20 | 37.9 | ma/ka | | V |
| 42593 BH40450AE 8 10 FT NICKEL 7440-02-0 20 17.9 mg/kg 43693 BH40521AE 6 8 FT NICKEL 7440-02-0 20 6.6 mg/kg B 43693 BH40525AE 8 10 FT NICKEL 7440-02-0 20 51.5 mg/kg B 43693 BH40525AE 10 13 FT NICKEL 7440-02-0 20 51.5 mg/kg 46593 BH40711AE 9 11 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40713AE 11 16 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40728AE 9 15 FT NICKEL 7440-02-0 8 4.6 mg/kg B 46693 BH40728AE 9 15 FT NICKEL 7440-02-0 8 26.3 mg/kg 46693 BH40728AE 9 15 FT NICKEL 7440-02-0 8 26.3 mg/kg 46693 BH40740AE 6 8 FT NICKEL 7440-02-0 8 26.3 mg/kg 46693 BH40740AE 6 8 FT NICKEL 7440-02-0 8 22.1 mg/kg 46693 BH40740AE 6 8 FT NICKEL 7440-02-0 8 22.3 mg/kg 46893 BH40740AE 7 9 FT NICKEL 7440-02-0 8 23.3 mg/kg 46893 BH40740AE 8 15 FT NICKEL 7440-02-0 8 12.3 mg/kg 8 46893 BH40749AE 9 11 FT NICKEL 7440-02-0 8 8.8 mg/kg B 46893 BH40750AE 12 12 FT NICKEL 7440-02-0 8 7.3 mg/kg 8 46893 BH40760AE 12 12 FT NICKEL 7440-02-0 8 7.3 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 8 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 9 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 2.1 mg/kg 9 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 3.1 mg/kg 9 46993 BH40760AE 7 9 FT NICKEL 7440-02-0 8 3.1 mg/kg 9 | | | | | | | | <u> </u> | | | 1 | V |
| 43693 BH40521AE 6 | | | | | | | | | | | | V |
| 43693 BH40525AE | | | | | | | | ' | | | · | V |
| 43693 BH40711AE 9 | | | | | | | | <u> </u> | | | · | |
| He593 BH40711AE | | | | | | | | | | | В | V |
| 46593 BH40713AE | | | | | | | | | | | | V |
| A6693 | 46593 | BH40711AE | 9 | 11 | FT | NICKEL | 7440-02-0 | 8 | | | | V |
| A6693 | 46593 | BH40713AE | 11 | 16 | FT | NICKEL | 7440-02-0 | 8 | 22.1 | mg/kg | | V |
| 46693 BH40740AE | | | 7 | 8 | FT | NICKEL | 7440-02-0 | 8 | | | В | V |
| 46793 BH40740AE 6 | | | | | | | | | | | | V |
| 46793 BH40742AE | | | | | | | | | | | | v |
| A6893 BH40748AE | | | | | | | | | | | 1 | |
| A6893 BH40749AE | | | | | | | | | | | , | V |
| A6893 BH40754AE | | | | | | | | | | | R | J |
| A6993 BH40768AE 6 | | | | | | | 7440-02-0 | 8 | | | | J |
| A6993 BH40768AE | 46893 | BH40754AE | 12 | 12 | FT | | | 8 | 7.3 | mg/kg | В | J |
| A6993 BH40770AE | 46993 | BH40768AE | | | FT | NICKEL | 7440-02-0 | 8 | | | | J |
| A7093 BH40776AE | | | | | | | | 8 | | | | J |
| P207589 SEP0389BR0915 9 15 FT NICKEL 7440-02-0 8 42.5 mg/kg P207589 SEP0389BR1521 15 21 FT NICKEL 7440-02-0 8 14.8 mg/kg P208989 SEP1789BR0915 9 15 FT NICKEL 7440-02-0 8 3.4 mg/kg UJ P209089 SEP1889BR1218 12 18 FT NICKEL 7440-02-0 8 13.1 mg/kg P209089 SEP1889BR1824 18 24 FT NICKEL 7440-02-0 8 4.8 mg/kg UJ P209189 SEP1889BR1016 10 16 FT NICKEL 7440-02-0 8 4.8 mg/kg UJ P209189 SEP1889BR106 10 22 FT NICKEL 7440-02-0 8 15.7 mg/kg P209489 SEP289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1416 14 16 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209489 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209489 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209489 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209489 SEP2389BR1016 10 16 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209489 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209489 SEP2389BR1016 10 16 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209489 SEP2389BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P2101 | | | | | | | | | | | | V |
| P207689 SEP0389BR1521 15 | | | | | | | | } | | | | A |
| P208989 SEP1789BR0915 9 15 FT NICKEL 7440-02-0 8 3.4 mg/kg UJ P209089 SEP1889BR1218 12 18 FT NICKEL 7440-02-0 8 13.1 mg/kg P209089 SEP1889BR1824 18 24 FT NICKEL 7440-02-0 8 4.8 mg/kg UJ P209189 SEP1989BR1016 10 16 FT NICKEL 7440-02-0 8 7 mg/kg J P209189 SEP1989BR1022 16 22 FT NICKEL 7440-02-0 8 15.7 mg/kg P209489 SEP2289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP2289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209489 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209889 SEP2389BR1016 10 16 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg | | | | | | | | | | | | |
| P209089 SEP1889BR1218 12 18 FT NICKEL 7440-02-0 8 13.1 mg/kg P209089 SEP1889BR1824 18 24 FT NICKEL 7440-02-0 8 4.8 mg/kg UJ P209189 SEP1989BR1016 10 16 FT NICKEL 7440-02-0 8 7 mg/kg J P209189 SEP1989BR1622 16 22 FT NICKEL 7440-02-0 8 15.7 mg/kg P209489 SEP2289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP2289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209489 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209889 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3 | | | | | | | | | | | | Α |
| P209089 SEP1889BR1824 18 | | | <u> </u> | <u> </u> | | | | | 3.4 | mg/kg | | Α |
| P209189 SEP1989BR1016 10 16 FT NICKEL 7440-02-0 8 7 mg/kg J P209189 SEP1989BR1622 16 22 FT NICKEL 7440-02-0 8 15.7 mg/kg P209489 SEP2289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP2289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209589 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg | | | | | | | | | | | | Α |
| P209189 SEP1989BR1016 10 16 FT NICKEL 7440-02-0 8 7 mg/kg J P209189 SEP1989BR1622 16 22 FT NICKEL 7440-02-0 8 15.7 mg/kg P209489 SEP2289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP2289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209589 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg | P209089 | SEP1889BR1824 | 18 | 24 | FT | NICKEL | 7440-02-0 | 8 | 4.8 | mg/kg | UJ | A |
| P209189 SEP1989BR1622 16 22 FT NICKEL 7440-02-0 8 15.7 mg/kg P209489 SEP289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP289BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP289BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 | | | | | | | 7440-02-0 | 8 | | | | A |
| P209489 SEP289BR0912 9 12 FT NICKEL 7440-02-0 8 7 mg/kg UJ P209489 SEP289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1217 21 27 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | | | | | | | | | | A |
| P209489 SEP2289BR1213 12 13 FT NICKEL 7440-02-0 8 26.2 mg/kg P209489 SEP2289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP2289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | | | | | | | | | | A |
| P209489 SEP289BR1416 14 16 FT NICKEL 7440-02-0 8 11.3 mg/kg P209489 SEP289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP289BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 P210189 P210189 P | | | | | | | | | | | · | |
| P209489 SEP289BR1621 16 21 FT NICKEL 7440-02-0 8 6.5 mg/kg UJ P209589 SEP289BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | | | | | | | | | | Α |
| P209589 SEP2389BR1015 10 14 FT NICKEL 7440-02-0 8 7.2 mg/kg UJ P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | | | | | | | | | | A |
| P209889 SEP2689BR1016 10 16 FT NICKEL 7440-02-0 8 2.8 mg/kg UJ P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | | | | | | | | | | Α |
| P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | 10 | 14 | | | 7440-02-0 | | | | | Α |
| P210189 SEP3089BR0915 9 15 FT NICKEL 7440-02-0 8 4.8 mg/kg B P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg P210189 P2101 | P209889 | SEP2689BR1016 | 10 | 16 | FT | NICKEL | 7440-02-0 | 8 | 2.8 | mg/kg | | Α |
| P210189 SEP3089BR1521 15 21 FT NICKEL 7440-02-0 8 21.9 mg/kg P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | 9 | 15 | | | 7440-02-0 | 8 | | | | V |
| P210189 SEP3089BR2127 21 27 FT NICKEL 7440-02-0 8 21.7 mg/kg | | | | | | | | | | | | V |
| | | | | | | | | | | | | · |
| 10040000 DED04000004040 40 40 ET INICKEL 17440-00-0 0 4 3 | | | | | | | 7440-02-0 | | | | 1 | |
| P210289 SEP3189BR1319 13 19 FT NICKEL 7440-02-0 8 1.7 mg/kg UJ | r.210289 | OCC3109BK1319 | 1 13 | 19 | Γ1 | NICKEL | 1440-02-0 | 8 | 1.7 | rng/kg | lon | Α |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB VALIDATION DEPTH DETECTION RESULT LOCATION DEPTH UNIT RESULT UNITS QUALIFIER QUALIFIER ANALYTE CAS NO LIMIT END CODE CODE SAMPLE NUMBER START 819 mg/kg | B POTASSIUM 7440-09-7 1000 ۱۷ 05093 BH00064AE 12 FT 1100 mg/kg 7440-09-7 1000 11 FT IJ POTASSIUM 05193 BH00069AE 6 BH00079AE 18 22 FT POTASSIUM 7440-09-7 1000 740 mg/kg B IV 05393 1440 mg/kg IV 7440-09-7 1000 05393 BH00081AE 6 12 FT POTASSIUM BH00084AE 12 18 FT POTASSIUM 7440-09-7 1000 1530 mg/kg V :05393 1370 mg/kg īV 2274 BH40005AE 6 11 FT POTASSIUM 7440-09-7 44593 1200 mg/kg 41193 BH40052AE 6 .8 FT POTASSIUM 7440-09-7 1052 ٦V 602 mg/kg B īV 7440-09-7 1151 BH40065AE 6 12 FT POTASSIUM 41993 6 11 FT POTASSIUM 7440-09-7 1063 598 mg/kg B V BH40073AE 43893 J 1000 1120 mg/kg | B BH40086AE 10 16 FT POTASSIUM 7440-09-7 42193 BH40091AF 16 22 FT **POTASSIUM** 7440-09-7 1000 1240 mg/kg | B 42193 IJ 2195 BH40144AE 7 10 FT POTASSIUM 7440-09-7 1930 mg/kg 42993 V BH40160AE 6 8 FT POTASSIUM 7440-09-7 1000 659 mg/kg | B 40793 V BH40170AE 6 8 FT POTASSIUM 7440-09-7 1225 1550 mg/kg 40093 BH40191AE 12 FT POTASSIUM 7440-09-7 1183 986 mg/kg B V 6 44893 V 10 FT POTASSIUM 7440-09-7 1000 735 mg/kg B 40993 BH40204AE 6 3340 mg/kg 19 FT **IPOTASSIUM** 7440-09-7 1000 V 10 40993 BH40206AE 6600 mg/kg 12 FT POTASSIUM 7440-09-7 1170 V 41693 BH40220AE 6 7440-09-7 1114 1790 mg/kg V 41793 BH40246AE 6 11 FT POTASSIUM POTASSIUM 7440-09-7 1000 2400 mg/kg J 42293 BH40256AE 6 11 FT 13 FT **IPOTASSIUM** 7440-09-7 1000 1400 mg/kg J 42293 BH40258AE 11 8 FT 7440-09-7 42393 BH40264AE 6 POTASSIUM 2119 1700 mg/kg IJ 7440-09-7 1000 1590 mg/kg J 42593 BH40290AE 10 17 FT POTASSIUM V 43193 BH40309AE 6 11 FT POTASSIUM 7440-09-7 1140 1560 mg/kg 7440-09-7 V 1000 43393 BH40324AE 8 13 FT POTASSIUM 1380 mg/kg 43793 BH40335AE 12 FT POTASSIUM 7440-09-7 1000 1990 mg/kg V 6 1070 IV 44093 BH40351AE 6 10 FT POTASSIUM 7440-09-7 1030 mg/kg | B 1860 mg/kg V BH40380AE 9 FT POTASSIUM 7440-09-7 1000 45893 6 BH40382AE 18 FT POTASSIUM 7440-09-7 1000 1010 mg/kg B V 45893 9 BH40414AE 13 FT POTASSIUM 7440-09-7 1000 838 mg/kg B V 8 40793 BH40415AE 29 FT POTASSIUM 7440-09-7 1000 4380 mg/kg V 40993 20 1730 mg/kg POTASSIUM 7440-09-7 1000 ĪV BH40416AE 40993 31 35 FT 8 FT POTASSIUM 7440-09-7 1000 2000 mg/kg J 41593 BH40424AE 6 1130 mg/kg | B 28 FT POTASSIUM 7440-09-7 1000 IJ BH40430AE 22 42193 10 FT POTASSIUM 7440-09-7 1000 930 mg/kg | B V 42193 BH40432AE 6 7440-09-7 1000 V 1250 mg/kg 31 FT POTASSIUM 42193 BH40433AE 28 10 FT POTASSIUM 7440-09-7 1000 1340 mg/kg J 42493 BH40445AE 8 10 FT īV 7440-09-7 1000 725 mg/kg B POTASSIUM 42593 BH40450AE 8 43693 BH40521AE 6 8 FT POTASSIUM 7440-09-7 1000 2140 mg/kg J 10 FT 7440-09-7 2190 mg/kg POTASSIUM 1000 ij 43693 BH40522AE 8 43693 BH40525AE 10 13 FT POTASSIUM 7440-09-7 1000 2150 mg/kg J V 1000 46593 BH40711AE 9 11 FT POTASSIUM 7440-09-7 1210 mg/kg 46593 BH40713AE 11 16 FT POTASSIUM 7440-09-7 1000 1200 mg/kg B īV V 46693 BH40726AE 7 8 FT POTASSIUM 7440-09-7 1000 7870 mg/kg BH40728AE 9 15 FT POTASSIUM 7440-09-7 1000 894 mg/kg | B ٧ 46693 IV 46793 BH40740AE 8 FT POTASSIUM 7440-09-7 1000 803 mg/kg B 6 1540 mg/kg 46793 BH40742AE 15 FT POTASSIUM 7440-09-7 1000 V 8 1870 mg/kg BH40748AE 9 FT POTASSIUM 7440-09-7 1000 V 46893 7 1280 mg/kg BH40749AE 11 FT POTASSIUM 7440-09-7 1000 IV 46893 9 POTASSIUM 7440-09-7 1000 1650 mg/kg V 46893 BH40754AE 12 12 FT 7 FT POTASSIUM 7440-09-7 1000 6120 mg/kg IV 46993 BH40768AE 6 13 FT POTASSIUM 7440-09-7 1000 īv 46993 BH40770AE 7 180 mg/kg | B POTASSIUM 7440-09-7 5000 V BH40776AE 9 FT 47093 7 1920 mg/kg 15 FT POTASSIUM 7440-09-7 2000 A P207589 SEP0389BR0915 9 810 mg/kg 21 FT POTASSIUM 7440-09-7 2000 A P207589 SEP0389BR1521 15 536 mg/kg UJ 914 mg/kg 15 FT POTASSIUM 7440-09-7 2000 A P208889 SEP1689BR1016 10 16 FT POTASSIUM 7440-09-7 2000 1570 mg/kg IV P209189 SEP1989BR1016 10 2000 P209189 SEP1989BR1622 16 22 FT POTASSIUM 7440-09-7 1280 mg/kg İΑ IA POTASSIUM 7440-09-7 2000 P209589 SEP2389BR1015 10 14 FT 1580 mg/kg P209889 SEP2689BR1016 10 16 FT **POTASSIUM** 7440-09-7 2000 699 mg/kg UJ A Α P210189 SEP3089BR0915 9 15 FT POTASSIUM 7440-09-7 2000 1160 mg/kg 1390 mg/kg P210189 SEP3089BR1521 21 FT POTASSIUM 7440-09-7 2000 Α 15 1770 mg/kg IA P210189 SEP3089BR2127 21 27 FT POTASSIUM 7440-09-7 2000 P210289 SEP3189BR0713 7 13 FT POTASSIUM 7440-09-7 2000 817 mg/kg UJ A P210289 SEP3189BR1319 13 19 FT POTASSIUM 7440-09-7 2000 825 mg/kg UJ A

| COCATION | | lable A.9 Sol | ar Evapo | ration Pond AU | C - Analytical Res | uits ioi subst | mace sons G | reater ina | loreet | | Section of the Control of the Contro |
|--|---|---------------|-------------|----------------|--------------------|---------------------------------------|--------------|--------------|-------------|--|--|
| COODE SAMPLE NUMBER STATE LEVID COODE SAMPLYTE COODE CANALYTE | | | | | | | | | | LAB. | |
| 05993 BH00069AE | LOCATION | | DEPTH | | | | | | | | |
| 1999 BH0009AE 6 12 FT SELENIUM 7782-49-2 2 0.45 mg/sg UW J 0.9593 BH0007AE 6 11 FT SELENIUM 7782-49-2 2 0.44 mg/sg UW J 0.9593 BH0007AE 6 12 FT SELENIUM 7782-49-2 2 0.47 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 2 0.49 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 2 0.49 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 1 0.49 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 1 0.49 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 1 0.49 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 1 0.49 mg/sg U V V 0.9593 BH0008AE 6 12 FT SELENIUM 7782-49-2 1 0.49 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 1 0.49 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.49 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.49 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.49 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.44 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELENIUM 7782-49-2 2 0.49 mg/sg U V V 0.9593 BH0008AE 0 16 FT SELE | CODE | SAMPLE NUMBER | START | END COD | ANALYTE | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 1997 | A property of the second second second second | BH00064AE | 6 | | | 7782-49-2 | 2 | 0.45 | mg/kg | UW | J |
| 1999 1900079AE | | | | · | | 7782-49-2 | | | ma/ka | UWN | J . |
| 1975 | | · | | | | | | | | | |
| 19393 SHIDOSBARE 12 18 T SELENIUM 7782-49-2 2 0.48 mg/kg U V 44893 SH4DOSBAE 0 11 FT SELENIUM 7782-49-2 1.1 0.48 mg/kg U V 44893 SH4DOSBAE 0 18 FT SELENIUM 7782-49-2 1.1 0.48 mg/kg U V 44893 SH4DOSBAE 0 18 FT SELENIUM 7782-49-2 1.0 0.48 mg/kg U V 44893 SH4DOSBAE 0 19 FT SELENIUM 7782-49-2 1.0 0.48 mg/kg U V 44893 SH4DOSBAE 0 10 FT SELENIUM 7782-49-2 1.0 0.48 mg/kg U V 44893 SH4DOSBAE 10 10 FT SELENIUM 7782-49-2 2.0 0.48 mg/kg U V 44993 SH4DOSBAE 10 10 FT SELENIUM 7782-49-2 2.0 0.48 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.48 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.48 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.48 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44993 SH4DOSBAE 6 10 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44993 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 FT SELENIUM 7782-49-2 2.0 0.44 mg/kg U V 44293 SH4DOSBAE 6 11 | | · | · | | | | | | | | |
| 14600364 | | | | | | | | · | | . = | |
| \$197.55 | | · | | | | | } | | | | |
| 14993 BH40005AE 6 12FT SELENIUM 7782-9-2 1 | 44593 | BH40005AE | 6 | | | | | | | <u> </u> | |
| ### | 41193 | BH40052AE | 6 | 8 FT | SELENIUM | 7782-49-2 | 1 | 0.42 | mg/kg | UWN | J |
| 1989 1940073AE | | BH40065AE | 6 | 12 FT | SELENIUM | 7782-49-2 | 1 | 0.46 | mg/kg | U | V |
| 24793 SH40098AE 10 16 FT SELENIUM 7782-49-2 2 0.48 mg/s U V V 24793 SH40140AE 7 10 FT SELENIUM 7782-49-2 2 0.51 mg/s U V V 24793 SH40140AE 7 10 FT SELENIUM 7782-49-2 2 0.48 mg/s U V V 24793 SH40140AE 6 8 FT SELENIUM 7782-49-2 1 0.44 mg/s U V V 24893 SH40170AE 6 8 FT SELENIUM 7782-49-2 1 0.49 mg/s U V V 24893 SH40170AE 6 10 FT SELENIUM 7782-49-2 1 0.47 mg/s U V 24993 SH4020AAE 6 10 FT SELENIUM 7782-49-2 2 0.44 mg/s U V 24993 SH4020AE 6 10 FT SELENIUM 7782-49-2 2 0.44 mg/s U V 241993 SH4020AE 6 11 FT SELENIUM 7782-49-2 2 0.44 mg/s U V 241993 SH4020AE 6 12 FT SELENIUM 7782-49-2 1 0.47 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.47 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.47 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 2 0.47 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 2 0.47 mg/s U V 24293 SH4020AE 6 8 FT SELENIUM 7782-49-2 2 0.47 mg/s U V 24293 SH4020AE 6 8 FT SELENIUM 7782-49-2 2 0.47 mg/s U V 24293 SH4020AE 6 8 FT SELENIUM 7782-49-2 2 0.47 mg/s U V 24293 SH4020AE 6 8 FT SELENIUM 7782-49-2 2 0.48 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 11 FT SELENIUM 7782-49-2 1 0.49 mg/s U V 24293 SH4020AE 6 | | | | | SELENIUM | 7782-49-2 | 1 | 0.43 | ma/ka | UN | J |
| 22193 | | | | | | | | | | , | |
| ## ## ## ## ## ## ## # | | | | | | | | | | | |
| 40793 BH40160AE | | · | | | | | | <u> </u> | | | |
| 40093 BH07170AE 6 B.FT SELENIUM 7782-49-2 1 0.49 mg/kg U V V 40993 BH0716AE 6 12.FT SELENIUM 7782-49-2 2 0.44 mg/kg UN U V 40993 BH0700AE 6 10.FT SELENIUM 7782-49-2 2 0.44 mg/kg UN U V 40993 BH0700AE 6 10.FT SELENIUM 7782-49-2 2 0.44 mg/kg UN U V 41993 BH0700AE 6 11.FT SELENIUM 7782-49-2 2 0.44 mg/kg UN U V 41993 BH0700AE 6 11.FT SELENIUM 7782-49-2 1 0.45 mg/kg UN U V 42293 BH0700AE 6 11.FT SELENIUM 7782-49-2 2 0.44 mg/kg UN U V 42293 BH0700AE 6 11.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN U V 42293 BH0700AE 6 8.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN U V 43793 BH0700AE 6 8.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN U V 43793 BH0700AE 6 11.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN V 43793 BH0700AE 6 11.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN V 43793 BH0700AE 6 11.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN V 43793 BH0700AE 6 12.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN V 45893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.45 mg/kg UN V 45893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.47 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.47 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.47 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.47 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.47 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.48 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.48 mg/kg UN V 47893 BH0700AE 6 19.FT SELENIUM 7782-49-2 2 0.48 mg/kg UN V 47893 BH070AE 6 19.FT SELENIUM 7782-49-2 2 0.48 mg/kg UN V 47893 BH070AE 6 19.FT SELENIUM 7782-49-2 2 0.48 mg/kg UN V 47893 B | | | | | | | } | | | | |
| 44893 BH40391AE | 40793 | BH40160AE | 6 | 8 FT | | | | | | | |
| 44893 BH40391AE 6 | 40093 | BH40170AE | 6 | 8 FT | SELENIUM | 7782-49-2 | 1 | 0.49 | mg/kg | U | V |
| 49993 BH4020AE 6 | ` | | 6 | 12 FT | SELENIUM | 7782-49-2 | 1 | 0.47 | mg/kg | U | V |
| 49993 BH40200AE | | | | | | | 2 | | | UN | .1 |
| 146933 BH4026AAE 6 12 FT SELENIUM 7782-49-2 1 0.47 mg/kg U V V V V V V V V V | | | <u> </u> | | | | | | | | |
| 4793 BH4029AB | | | | | | | | | | | |
| A2293 BH40258AE | | | | | | | | | | | |
| ## ## ## ## ## ## ## # | | BH40246AE | t | | | | · | | | | |
| ## ## ## ## ## ## ## # | 42293 | BH40256AE | 6 | 11 FT | SELENIUM | 7782-49-2 | | | mg/kg | UWN | J |
| 42593 BH40290AE 6 | | | | | SELENIUM | | 2 | | | UN | J |
| 42593 BH40290AE | | | | | | | | | | | |
| 43193 BH40330AE 6 | | | | | | | | | | i | |
| 43393 BH40334AE | | | | | | | | | | <u> </u> | |
| A3793 BH40335AE | | | | <u> </u> | | | 1 | | | , - | |
| AB093 | | <u> </u> | | <u> </u> | 1 | | | | | | |
| ASS83 BH40380AE | 43793 | BH40335AE | 6 | 12 FT | SELENIUM | 7782-49-2 | 2 | 0.43 | mg/kg | UN | J |
| 45893 BH40380AE 6 9 FT SELENIUM 7782-49-2 2 0.47 mg/kg U V 45893 BH40382AE 9 18 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 40983 BH40416AE 8 13 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 40983 BH40416AE 31 35 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 40983 BH40416AE 31 35 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 41993 BH4042AE 6 8 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 41933 BH40430AE 22 28 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 42193 BH40430AE 22 28 FT SELENIUM 7782-49-2 2 0.48 mg/kg UWN J 42193 BH40430AE 28 31 FT SELENIUM 7782-49-2 2 0.48 mg/kg U V 42493 BH40430AE 8 10 FT SELENIUM 7782-49-2 2 0.48 mg/kg U V 42493 BH40450AE 8 10 FT SELENIUM 7782-49-2 2 0.48 mg/kg U V 42493 BH40450AE 8 10 FT SELENIUM 7782-49-2 2 0.48 mg/kg U V 42593 BH40450AE 8 10 FT SELENIUM 7782-49-2 2 0.48 mg/kg U V 42593 BH4050AE 8 10 FT SELENIUM 7782-49-2 2 0.48 mg/kg U V 43693 BH4052AE 8 10 FT SELENIUM 7782-49-2 2 0.42 mg/kg U V 43693 BH4052AE 8 10 FT SELENIUM 7782-49-2 2 0.42 mg/kg U V 45933 BH4071AE 9 11 FT SELENIUM 7782-49-2 2 0.42 mg/kg U V 45933 BH4071AE 9 11 FT SELENIUM 7782-49-2 2 0.42 mg/kg U V 45933 BH4071AE 9 11 FT SELENIUM 7782-49-2 1 0.23 mg/kg U V 46593 BH4071AE 9 11 FT SELENIUM 7782-49-2 1 0.24 mg/kg U V 46593 BH4071AE 9 11 FT SELENIUM 7782-49-2 1 0.24 mg/kg U V 46593 BH4071AE 9 11 FT SELENIUM 7782-49-2 1 0.24 mg/kg U V 46593 BH4074AE 8 15 FT SELENIUM 7782-49-2 1 0.24 mg/kg U V 46593 BH4074AE 8 15 FT SELENIUM 7782-49-2 1 0.24 mg/kg U J 46593 BH4074AE 9 15 FT SELENIUM 7782-49-2 1 0.24 mg/kg | 44093 | BH40351AE | 6 | 10 FT | SELENIUM | 7782-49-2 | 1 | 0.43 | mg/kg | U | V |
| 45893 BH40514AE B SELENIUM 7782-49-2 2 | | | | | | 7782-49-2 | 2 | 0.47 | ma/ka | U | V |
| 40793 BH0414AE | | | | | | <u> </u> | <u> </u> | | | | |
| 49993 BH40415AE 20 29 FT SELENIUM 7782-49-2 2 0.48 mg/kg UV V V V V V V V V | | | · | | | · | | | | | |
| A0993 BH40416AE 31 35 FT SELENIUM 7782-49-2 2 | <u> </u> | | | | | <u> </u> | | | | | |
| ## SELENIUM ## | | | | | | | | | | | |
| A2193 BH40430AE 22 28 FT SELENIUM 7782-49-2 2 0.47 mg/kg U V | 40993 | BH40416AE | 31 | 35 FT | SELENIUM | 7782-49-2 | | | | | |
| A2193 BH40432AE | 41593 | BH40424AE | 6 | 8 FT | SELENIUM | 7782-49-2 | 2 | 0.48 | mg/kg | UWN | J |
| A2193 BH40433AE 6 | 42193 | BH40430AE | 22 | 28 FT | SELENIUM | 7782-49-2 | 2 | 0.47 | mg/kg | U | V |
| 42193 BH40433AE 28 31 FT SELENIUM 778249-2 2 | | | | | | | | | | U | V |
| March Marc | | | | | | · | | · | | | |
| A2593 BH40450AE 8 | | | | | | ····· | | | | <u>' </u> | |
| ## Page | | | | | | | | | | | |
| Harden | | | | | | | | | | | |
| 43693 BH4071AE 9 | 43693 | BH40521AE | | | SELENIUM | | | | mg/kg | | |
| A6593 BH40711AE | 43693 | BH40522AE | 8 | 10 FT | SELENIUM | 7782-49-2 | 2 | 0.42 | mg/kg | U | V |
| A6593 BH40711AE | 43693 | BH40525AE | 10 | 13 FT | SELENIUM | 7782-49-2 | 2 | 0.48 | ma/ka | U | V |
| A6593 BH40713AE | | | | | | | | | ma/ka | UN | .i |
| Head | | | | ; | | | | | | <u> </u> | |
| 46693 BH40728AE 9 | | <u> </u> | <u> </u> | | ·/ / | | J | | | | |
| 46793 BH40740AE 6 | | | | | <u>}</u> | <u> </u> | | | | | |
| 46793 BH40742AE 8 15 FT SELENIUM 7782-49-2 1 0.46 mg/kg U V 46893 BH40748AE 7 9 FT SELENIUM 7782-49-2 1 0.18 mg/kg U J J 46893 BH40749AE 9 11 FT SELENIUM 7782-49-2 1 0.18 mg/kg U J J 46893 BH40754AE 12 12 FT SELENIUM 7782-49-2 1 0.2 mg/kg U J J 46993 BH4076AE 6 7 FT SELENIUM 7782-49-2 1 0.2 mg/kg U J J 46993 BH40770AE 7 13 FT SELENIUM 7782-49-2 1 0.19 mg/kg U J J 46993 BH40770AE 7 13 FT SELENIUM 7782-49-2 1 0.19 mg/kg U J J 47093 BH40776AE 7 9 FT SELENIUM 7782-49-2 1 0.19 mg/kg U V J 47093 SEP189BR0915 9 15 FT SELENIUM 7782-49-2 1 1.6 mg/kg U V J A 47093 SEP189BR1218 12 18 FT SELENIUM 7782-49-2 1 1.6 mg/kg U A 47093 SEP189BR1824 18 24 FT SELENIUM 7782-49-2 1 2.1 mg/kg U A 47093 SEP189BR1622 16 22 FT SELENIUM 7782-49-2 1 2.1 mg/kg U A 47093 SEP189BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg U A 47093 SEP289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg U A 47093 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.0 mg/kg U A 47093 SEP289BR1621 15 21 FT SELENIUM | | | | | | | | <u></u> | | | |
| 46893 BH40748AE | | | | | | | ; | | | | |
| 46893 BH40748AE | 46793 | BH40742AE | 8 | 15 FT | SELENIUM | 7782-49-2 | <u>1</u> | 0.46 | mg/kg | U | V |
| Heart Hear | | | | | | | 1 | 0.18 | mg/ka | U | J |
| 46893 BH40754AE | | | | / | | · | | | | · | |
| BH40768AE | | | | ···· | | | | | | | |
| Head | | | | | | | | | | | |
| 47093 BH40776AE 7 9 FT SELENIUM 7782-49-2 5 0.22 mg/kg U V V P208989 SEP1789BR0915 9 15 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A A P209089 SEP1889BR1218 12 18 FT SELENIUM 7782-49-2 1 2 mg/kg UJ A P209089 SEP1889BR1824 18 24 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209189 SEP1989BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg J A P209489 SEP289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1313 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209489 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg UJ A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SE | l | | | | | · | | · | | · | |
| P208989 SEP1789BR0915 9 15 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209089 SEP1889BR1218 12 18 FT SELENIUM 7782-49-2 1 2 mg/kg UJ A P209089 SEP1889BR1824 18 24 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209189 SEP1989BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg J A P209489 SEP2289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A | | | | | | | | | | | |
| P209089 SEP1889BR1218 12 18 FT SELENIUM 7782-49-2 1 2 mg/kg UJ A P209089 SEP1889BR1824 18 24 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209189 SEP1989BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg J A P209489 SEP2289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A | 47093 | BH40776AE | 7 | 9 FT | | | 5 | 0.22 | mg/kg | U | V |
| P209089 SEP1889BR1218 12 18 FT SELENIUM 7782-49-2 1 2 mg/kg UJ A P209089 SEP1889BR1824 18 24 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209189 SEP1989BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg J A P209489 SEP2289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A | P208989 | SEP1789BR0915 | 9 | 15 FT | SELENIUM | 7782-49-2 | 1 | 1.6 | mg/kg | UJ | Α |
| P209089 SEP1889BR1824 18 24 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209189 SEP1989BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg J A P209489 SEP2289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209489 SEP289BR1061 10 16 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A < | | | | | SELENIUM | | | | ma/ka | UJ | Α |
| P209189 SEP1989BR1622 16 22 FT SELENIUM 7782-49-2 1 0.59 mg/kg J A P209489 SEP2289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | | | · | | | | | |
| P209489 SEP2289BR0912 9 12 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | | | | | | | | |
| P209489 SEP2289BR1213 12 13 FT SELENIUM 7782-49-2 1 1.6 mg/kg UJ A P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | <u> </u> | | · · · · · · · · · · · · · · · · · · · | | | | | |
| P209489 SEP2289BR1416 14 16 FT SELENIUM 7782-49-2 1 1.1 mg/kg UJ A P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | | | | | | | | |
| P209489 SEP2289BR1621 16 21 FT SELENIUM 7782-49-2 1 2.1 mg/kg UJ A P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | | | | | | | | |
| P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | P209489 | SEP2289BR1416 | 14 | 16 FT | SELENIUM | 7782-49-2 | 1 | 1.1 | mg/kg | UJ | A |
| P209889 SEP2689BR1016 10 16 FT SELENIUM 7782-49-2 1 2.3 mg/kg A P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | P209489 | SEP2289BR1621 | 16 | 21 FT | SELENIUM | 7782-49-2 | 1 | 2.1 | mg/kg | UJ | A |
| P210189 SEP3089BR0915 9 15 FT SELENIUM 7782-49-2 1 0.69 mg/kg UJ A P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | | | | | | mg/ka | | |
| P210189 SEP3089BR1521 15 21 FT SELENIUM 7782-49-2 1 0.77 mg/kg UJ A P210189 SEP3089BR2127 21 27 FT SELENIUM 17782-49-2 1 0.87 mg/kg UJ A | | <u> </u> | | | | | · | | | | |
| P210189 SEP3089BR2127 21 27 FT SELENIUM 7782-49-2 1 0.87 mg/kg UJ A | | | | | | | · | | | | |
| <u> </u> | | ; | | | | | <u></u> | | | | |
| | P210189 | SEP3089BR212/ | 21 | 2/ 1 | SELENIUM | 1102-49-2 | <u> </u> | 0.87 | mg/kg | UJ | ^ |



Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB A 24 ... DEPTH DEPTH UNIT DETECTION RESULT VALIDATION LOCATION RESULT UNITS QUALIFIER QUALIFIER ANALYTE CAS NO. SAMPLE NUMBER START END CODE LIMIT CODE SILICON 7440-21-3 100 4710 mg/kg 12 FT 05093 BH00064AE 11 FT SILICON 7440-21-3 100 5220 mg/kg IJ 05193 BH00069AE 4980; mg/kg 22 FT 7440-21-3 100 ĪV 18 SILICON 05393 BH00079AE 05393 BH00081AE 6 12 FT SILICON 7440-21-3 100 6660 mg/kg !V 6460 mg/kg IV 7440-21-3 100 05393 BH00084AE 12 18 FT SILICON J 6 11|FT SILICON 7440-21-3 22.7 1300 mg/kg 44593 BH40005AE BH40052AE 6 8 FT SILICON 7440-21-3 21 1610|mg/kg IJ 41193 6 SILICON 7440-21-3 23 1320 mg/kg J 41993 BH40065AE 12 FT BH40073AE 11 FT SILICON 7440-21-3 21 2260 mg/kg 43893 6 1730 mg/kg 16 FT SILICON 7440-21-3 100 J BH40086AE 10 42193 42193 BH40091AE 16 22 FT SILICON 7440-21-3 100 2020 mg/kg | J 17440-21-3 22 907 mg/kg N 7 10 FT SILICON IJ 42993 BH40144AE BH40160AE 8 FT SILICON 7440-21-3 100 2120 mg/kg 40793 6 1280 mg/kg 7440-21-3 IJ 6 8 FT SILICON 25 40093 BH40170AE 6 12 FT SILICON 7440-21-3 24 918 mg/kg IJ 44893 BH40191AE 7440-21-3 100 1720 mg/kg IJ 6 10 FT SILICON 40993 BH40204AE 40993 BH40206AE 10 19 FT SILICON 7440-21-3 100 765 mg/kg N J 41693 BH40220AE 6 12 FT SILICON 7440-21-3 23 1700 mg/kg | E IJ BH40246AE 6 11 FT SILICON 7440-21-3 22 1060 mg/kg | E J 41793 42293 BH40256AE 6 11 FT SILICON 7440-21-3 100 9450 mg/kg J 100 6090 mg/kg BH40258AE 11 13 FT SILICON 7440-21-3 J 42293 BH40264AE 8 FT SILICON 7440-21-3 21 424 mg/kg N 42393 6 7440-21-3 10 17 FT SILICON 100 1320 mg/kg * IJ 42593 BH40290AE 11 FT 7440-21-3 1420 mg/kg | E 43193 BH40309AE 6 SILICON 23 J 13 FT 100 43393 BH40324AE 8 SILICON 7440-21-3 710 mg/kg IJ 43793 BH40335AE 6 12 FT SILICON 7440-21-3 100 2170 mg/kg J 44093 BH40351AE 6 10 FT SILICON 7440-21-3 21 1240 mg/kg | E J 9 FT 45893 BH40380AE 6 SILICON 7440-21-3 100 1530 mg/kg N J 45893 BH40382AE 9 18 FT SILICON 7440-21-3 100 1360 mg/kg N J 2530 mg/kg 40793 BH40414AF 8 13 FT SILICON 7440-21-3 100 J 40993 BH40415AE 20 29 FT SILICON 7440-21-3 100 1240 mg/kg N 35 FT SILICON 7440-21-3 100 IJ BH40416AE 31 1040 mg/kg N 40993 8 FT SILICON 7440-21-3 100 9250 mg/kg 41593 BH40424AE 6 J 28 FT 100 1210 mg/kg 42193 BH40430AE 22 SILICON 7440-21-3 IJ 10 FT 42193 BH40432AE 6 SILICON 7440-21-3 100 570 mg/kg IJ 42193 100 530 mg/kg BH40433AE 28 31 FT SILICON 7440-21-3 J 42493 10 FT BH40445AE 8 SILICON 7440-21-3 100 912 mg/kg | 1 J 1020 mg/kg N 42593 BH40450AE 8 10 FT SILICON 7440-21-3 100 J 948 mg/kg | 43693 BH40521AE 8 FT SILICON 7440-21-3 100 6 IJ 43693 BH40522AE 8 10 FT SILICON 7440-21-3 100 1110 mg/kg | 1 L 10 13 FT SILICON 7440-21-3 100 1610 mg/kg * J BH40525AE 43693 05093 BH00064AE 6 12 FT SILVER 7440-22-4 10 2.3 mg/kg | U V 2.2 mg/kg UN 05193 BH00069AE 6 11 FT SILVER 7440-22-4 10 IJ 22 FT SILVER 7440-22-4 10 05393 BH00079AE 18 2.4 mg/kg U 12 FT SILVER 7440-22-4 10 2.4 mg/kg | U V 6 05393 BH00081AE 18 FT 7440-22-4 V 05393 BH00084AE 12 SILVER 10 2.4 mg/kg | U 2.3 44593 BH40005AE 6 11 FT SILVER 7440-22-4 2.3 mg/kg UN J 41193 BH40052AE 6 8 FT SILVER 7440-22-4 2 2.1 mg/kg | UN J 41993 BH40065AE 6 12 FT SILVER 7440-22-4 2 2.3 mg/kg UN 2.1 mg/kg UN 43893 11 FT SILVER 7440-22-4 2 IJ BH40073AE 6 10 16 FT SILVER 7440-22-4 10 2.4 mg/kg UN V 42193 BH40086AE 22 FT SILVER BH40091AE 7440-22-4 10 2.5 mg/kg UN ٧ 42193 16 42993 BH40144AE 10 FT SILVER 7440-22-4 2 2.2 mg/kg UN J 8 FT 2.4 mg/kg UN 10 V 40793 BH40160AE 6 SILVER 7440-22-4 BH40170AE 8 FT SILVER 7440-22-4 2.5 mg/kg UN 40093 6 2 J 7440-22-4 2 44893 BH40191AE 6 12 FT SILVER 2.4 mg/kg UN IJ 7440-22-4 40993 BH40204AE 6 10| FT SILVER 10 2.2 mg/kg | UN ĪV 10 40993 BH40206AE 10 19 FT SILVER 7440-22-4 2.2 mg/kg iUN IV 41693 BH40220AE 6 12 FT SILVER 7440-22-4 2 2.3 mg/kg UN J 41793 BH40246AE 6 11|FT SILVER 7440-22-4 2 2.2 mg/kg | UN IJ 42293 BH40256AE 11|FT SILVER 7440-22-4 10 2.4 mg/kg UN IJ 6 42293 BH40258AE 11 13 FT SILVER 7440-22-4 10 2.2 mg/kg UN J 6 8 FT SILVER 7440-22-4 2 2.1 mg/kg | UN BH40264AE IJ 42393 BH40290AE 10 17 FT SILVER 7440-22-4 10 2.3 mg/kg UN ١v 42593 11 FT SILVER 7440-22-4 2.3 mg/kg UN BH40309AE 2 IJ 43193 6

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals LAB DETECTION RESULT VALIDATION LOCATION DEPTH DEPTH IINIT RESULT UNITS QUALIFIER QUALIFIER CODE CAS NO LIMIT SAMPLE NUMBER START END CODE ANALYTE BH40324AE SILVER 7440-22-4 10 2.4 mg/kg UN 13 FT 43393 8 43793 BH40335AE 6 12 FT SILVER 7440-22-4 10 2.2 mg/kg UN V BH40351AE 10 FT SILVER 7440-22-4 2 2.1 mg/kg UN 44093 6 J 45893 BH40380AE 6 9 F1 SILVER 7440-22-4 10 2.4 mg/kg UN 18 FT SILVER 7440-22-4 10 2.4 mg/kg UN V BH40382AE 9 45893 40793 BH40414AE 8 SILVER 7440-22-4 10 2.4 mg/kg UN !V 13|FT BH404154F 20 29 FT SILVER 7440-22-4 10 2.3 mg/kg UN V 40993 SILVER 7440-22-4 10 2.4 mg/kg UN īv 40993 BH40416AE 31 35 FT 8 FT 7440-22-4 10 2.4 mg/kg UN IJ SILVER 41593 BH40424AE 6 42193 BH40430AE 22 28 FT SILVER 7440-22-4 10 2.4 mg/kg UN V 10 2.3 mg/kg UN SILVER 7440-22-4 42193 BH40432AE 6 10 FT IJ 42193 BH40433AE 28 31|FT SILVER 7440-22-4 10 2.4 mg/kg UN J V 42493 BH40445AE 8 10 FT SILVER 7440-22-4 10 2.4 mg/kg UN V 42593 BH40450AE 8 10 FT SILVER 7440-22-4 10 2.4 mg/kg UN W 43693 BH40521AE 6 8 FT SILVER 7440-22-4 10 2.1 mg/kg UN 43693 BH40522AE 8 10 FT SILVER 7440-22-4 10 2.1 mg/kg UN IV W 43693 BH40525AE 10 13 FT SILVER 7440-22-4 10 2.4 mg/kg UN BH40711AE 9 11 FT SILVER 7440-22-4 2 0.68 mg/kg (U IV 46593 46593 BH40713AE 11 16 FT SILVER 7440-22-4 2 0.73 mg/kg | U W BH40726AE 8 FT SILVER 7440-22-4 2 0.73 mg/kg U ٧ 46693 7 46693 BH40728AE 9 15 FT SILVER 7440-22-4 2 0.73 mg/kg Ū īV BH40740AE 7440-22-4 2 0.73 mg/kg U ٧ 8 FT ISII VER 46793 6 BH40742AE 15 FT SILVER 7440-22-4 2 0.68 mg/kg U V 46793 8 9 FT SILVER 7440-22-4 2 BH40748AF 7 0.93 mg/kg U IV 46893 7440-22-4 2 ĺ۷ 46893 BH40749AE 9 11 FT SILVER 0.9 mg/kg U ĪV SILVER 7440-22-4 2 1 mg/kg U 46893 BH40754AE 12 12 FT 46993 BH40768AE 6 7 FT SILVER 7440-22-4 2 1 mg/kg U IV 46993 BH40770AE 7 13 FT SILVER 7440-22-4 2 0.97 mg/kg U W 47093 BH40776AE 7 9 FT SILVER 7440-22-4 10 0.68 mg/kg U V P207589 SEP0389BR0915 9 15 FT SILVER 7440-22-4 2 2.9 mg/kg A P207589 SEP0389BR1521 15 21 FT SILVER 7440-22-4 2 0.63 mg/kg UJ Α P208989 SEP1789BR0915 . 9 15 FT SILVER 7440-22-4 2 0.61 mg/kg J A P209089 SEP1889BR1218 12 SILVER 7440-22-4 2 18|FT 1.1 mg/kg UJ IA P209089 SEP1889BR1824 18 24 FT SILVER 7440-22-4 2 1.1 mg/kg UJ A SEP1989BR1016 16 FT SILVER 7440-22-4 2 P209189 10 0.92 mg/kg UJ A P209189 SEP1989BR1622 22 FT 7440-22-4 2 1.4 mg/kg UJ 16 SILVER A SEP2289BR0912 7440-22-4 P209489 a 12 FT SILVER 2 0.55 mg/kg UJ A 12 7440-22-4 P209489 SEP2289BR1213 13 FT SILVER 2 2 mg/kg J A 2 P209489 SEP2289BR1416 14 16 FT SILVER 7440-22-4 1.2 mg/kg J IA P209489 SEP2289BR1621 16 21 FT SILVER 7440-22-4 2 0.79 mg/kg J Α P209589 SEP2389BR1015 10 14 FT SILVER 7440-22-4 2 1.1 mg/kg | J A 2 mg/kg J P209889 SEP2689BR1016 10 16 FT SILVER 7440-22-4 2 A P210189 SEP3089BR0915 9 15 FT SILVER 7440-22-4 2 1.9 mg/kg | U īV P210189 SEP3089BR1521 15 21 FT SILVER 7440-22-4 2 1.5 mg/kg | U V P210189 SEP3089BR2127 21 27 FT SILVER 7440-22-4 2 1.4 mg/kg U V 0.61 mg/kg J P210289 SEP3189BR1319 13 19 FT SILVER 7440-22-4 2 IA 05093 BH00064AE 6 12 FT SODIUM 7440-23-5 1000 225 mg/kg V U 6 11 FT SODIUM 7440-23-5 1000 220 mg/kg U 05193 BH00069AE J 281 mg/kg | B 05393 BH00079AE 18 22 FT SODIUM 7440-23-5 1000 V 7440-23-5 1000 05393 BH00081AE 6 12 FT SODIUM 368 mg/kg B V BH00084AE 18 FT 7440-23-5 V 05393 12 SODIUM 1000 394 mg/kg | B V 11 FT 44593 BH40005AE 6 SODIUM 7440-23-5 2274 227 mg/kg U BH40052AE 41193 6 8 FT SODIUM 7440-23-5 1052 210 mg/kg U V 41993 BH40065AE 6 12 FT SODIUM 7440-23-5 1151 230 mg/kg U V 43893 BH40073AE 6 11|FT SODIUM 7440-23-5 1063 213 mg/kg | U V 42193 BH40086AE 10 16 FT ISODIUM 7440-23-5 1000 242 mg/kg | U J 42193 BH40091AE 16 22 FT SODIUM 7440-23-5 1000 253 mg/kg | U J 42993 BH40144AE 7 10 FT ISODIUM 7440-23-5 2195 964 mg/kg | B V 40793 BH40160AE 6 8 FT SODIUM 7440-23-5 1000 240 mg/kg | U V

506

40093

44893

40993

40993

41693

41793

BH40170AE

BH40191AE

BH40204AE

BH40206AE

BH40220AE

BH40246AE

6

6

6

10

6

6

8 FT

12 FT

10 FT

19 FT

12 FT

11|FT

SODIUM

SODIUM

SODIUM

SODIUM

SODIUM

SODIUM

7440-23-5

7440-23-5

7440-23-5

7440-23-5

7440-23-5

7440-23-5

1225

1183

1000

1000

1170

1114

245 mg/kg U

237 mg/kg | U

220 mg/kg | U

525 mg/kg | B

3950 mg/kg 1520 mg/kg IV

IV

ĪV

V

V

īV

| | Table A.9 Sola | ar Evapor | ation Folia ACC | - Allalyucal Resi | THE IO! SUDE | mace dons di | eater Than 6 Feet | | |
|---------------|----------------|-------------|-----------------|-------------------|--------------|--------------|-------------------|-------------|--|
| | | | | | | | | LAB | |
| LOCATION | | | DEPTH UNIT | # E | | DETECTION | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END CODE | ANALYTE | -CAS NO | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER |
| | BH40256AE | 6 | 11 FT | | 7440-23-5 | 1000 | 240 mg/kg | U | J |
| | BH40258AE | 11 | 13 FT | SODIUM | 7440-23-5 | 1000 | 220 mg/kg | U | J |
| | BH40264AE | 6 | 8 FT | SODIUM | 7440-23-5 | 2119 | | Ū | V |
| | BH40290AE | 10 | 17 FT | | 7440-23-5 | 1000 | | | J |
| | BH40309AE | 6 | 11 FT | | 7440-23-5 | 1140 | | | V |
| | | | 13 FT | | 7440-23-5 | 1000 | <u> </u> | | V |
| | BH40324AE | 8 | | <u> </u> | | | | | v · |
| | BH40335AE | 6 | 12 FT | SODIUM | 7440-23-5 | 1000 | | | |
| | BH40351AE | 6 | 10 FT | · | 7440-23-5 | 1070 | | | V |
| 45893 | BH40380AE | 6 | 9 FT | | 7440-23-5 | 1000 | | | V |
| 45893 | BH40382AE | 9 | 18 FT | SODIUM | 7440-23-5 | 1000 | 240 mg/kg | U | V |
| 40793 | BH40414AE | 8 | 13 FT | SODIUM | 7440-23-5 | 1000 | 240 mg/kg | U | ٧ |
| 40993 | BH40415AE | 20 | 29 FT | SODIUM | 7440-23-5 | 1000 | 5220 mg/kg | | ٧ |
| · | BH40416AE | 31 | 35 FT | | 7440-23-5 | 1000 | | В | V |
| | BH40424AE | 6 | 8!FT | | 7440-23-5 | 1000 | | | J |
| | BH40430AE | 22 | 28 FT | SODIUM | 7440-23-5 | 1000 | | U I | J |
| | | 6 | 10 FT | | 7440-23-5 | 1000 | | | v |
| 42193 | BH40432AE | | | | | | | | V |
| 42193 | BH40433AE | 28 | 31 FT | | 7440-23-5 | 1000 | | | |
| 42493 | BH40445AE | 8 | 10 FT | SODIUM | 7440-23-5 | 1000 | | | J |
| | BH40450AE | 8 | 10 FT | | 7440-23-5 | 1000 | | | V |
| 43693 | BH40521AE | 6 | 8 FT | | 7440-23-5 | 1000 | | | J |
| 43693 | BH40522AE | 8 | 10 FT | SODIUM | 7440-23-5 | 1000 | | В | J |
| 43693 | BH40525AE | 10 | 13 FT | SODIUM | 7440-23-5 | 1000 | 465 mg/kg | В | J |
| 46593 | BH40711AE | 9 | 11 FT | SODIUM | 7440-23-5 | 1000 | | В | V |
| | BH40713AE | 11 | 16 FT | | 7440-23-5 | 1000 | | В | V |
| | BH40726AE | 7 | | SODIUM | 7440-23-5 | 1000 | | | V |
| | BH40728AE | 9 | 15 FT | SODIUM | 7440-23-5 | 1000 | | | v |
| | | | | SODIUM | | 1000 | | | v |
| | BH40740AE | 6 | 8 FT | | 7440-23-5 | | | | |
| | BH40742AE | 8 | 15 FT | SODIUM | 7440-23-5 | 1000 | | | V |
| | BH40748AE | 7 | | SODIUM | 7440-23-5 | 1000 | | | V |
| 46893 | BH40749AE | 9 | 11 FT | SODIUM | 7440-23-5 | 1000 | | | V |
| 46893 | BH40754AE | 12 | 12 FT | SODIUM | 7440-23-5 | 1000 | 710 mg/kg | В | V |
| 46993 | BH40768AE | 6 | 7 FT | SODIUM | 7440-23-5 | 1000 | 7010 mg/kg | | V |
| 46993 | BH40770AE | 7 | 13 FT | SODIUM | 7440-23-5 | 1000 | 432 mg/kg | В | V |
| 47093 | BH40776AE | 7 | 9 FT | SODIUM | 7440-23-5 | 5000 | | | V |
| | SEP0389BR0915 | 9 | 15 FT | | 7440-23-5 | 2000 | | | v |
| | SEP0389BR1521 | 15 | 21 FT | J | 7440-23-5 | 2000 | | | V |
| | | | | SODIUM | 7440-23-5 | 2000 | | | V |
| | SEP1689BR1016 | 10 | 15 FT | | | | | | V |
| | SEP1789BR0915 | 9 | 15 FT | SODIUM | 7440-23-5 | 2000 | | | |
| | SEP1889BR1218 | 12 | 18 FT | SODIUM | 7440-23-5 | 2000 | · | | V |
| | SEP1889BR1824 | 18 | 24 FT | SODIUM | 7440-23-5 | 2000 | | | V |
| P209189 | SEP1989BR1016 | 10 | 16 FT | SODIUM | 7440-23-5 | 2000 | 830 mg/kg | J | Α |
| P209189 | SEP1989BR1622 | 16 | 22 FT | SODIUM | 7440-23-5 | 2000 | 327 mg/kg | J | Α |
| 1 | SEP2289BR0912 | 9 | 12 FT | SODIUM | 7440-23-5 | 2000 | | | V |
| | SEP2289BR1213 | 12 | | | 7440-23-5 | 2000 | | U | v |
| | SEP2289BR1416 | 14 | | SODIUM | 7440-23-5 | 2000 | | | V |
| | SEP2289BR1621 | 16 | | SODIUM | 7440-23-5 | 2000 | | | v |
| | SEP2389BR1015 | 10 | 14 FT | SODIUM | 7440-23-5 | 2000 | | | v |
| | SEP2689BR1016 | 10 | | SODIUM | 7440-23-5 | 2000 | | | V |
| | | | | | | 2000 | | | v |
| | SEP3089BR0915 | 9 | | SODIUM | 7440-23-5 | | | | |
| P210189 | SEP3089BR1521 | 15 | 21 FT | ISODIUM | 7440-23-5 | . 2000 | | | V |
| | SEP3089BR2127 | 21 | 27 FT | SODIUM | 7440-23-5 | 2000 | | | V |
| | SEP3189BR0713 | 7 | | SODIUM | 7440-23-5 | 2000 | | | V |
| P210289 | SEP3189BR1319 | 13 | 19 FT | SODIUM | 7440-23-5 | 2000 | | U | ٧ |
| 05093 | BH00064AE | 6 | 12 FT | STRONTIUM | 7440-24-6 | 5 | 49.7 mg/kg | | J |
| 05193 | BH00069AE | 6 | 11 FT | STRONTIUM | 7440-24-6 | 5 | | * | J |
| | BH00079AE | 18 | 22 FT | STRONTIUM | 7440-24-6 | 5 | | | J |
| | BH00081AE | 6 | 12 FT | | 7440-24-6 | 5 | | | J |
| · | BH00084AE | 12 | 18 FT | | 7440-24-6 | 5 | | | j |
| | BH40005AE | 6 | 11/FT | STRONTIUM | 7440-24-6 | 45.5 | | | 3 |
| | | | | · | | | | | |
| | BH40052AE | 6 | 8 FT | | 7440-24-6 | 42 | | | J |
| | BH40065AE | 6 | | | 7440-24-6 | 46 | | | J |
| | BH40073AE | 6 | | · | 7440-24-6 | 43 | | | J |
| 42193 | BH40086AE | 10 | 16 FT | STRONTIUM | 7440-24-6 | 5 | | | J |
| 42193 | BH40091AE | 16 | 22 FT | STRONTIUM | 7440-24-6 | 5 | 47.7 mg/kg | В | J |
| 42993 | BH40144AE | 7 | | STRONTIUM | 7440-24-6 | 44 | | | J |
| — | | | | | | | | | ······································ |

| . 7.00 | | | | : - Analytical Res | | | 878 - K | | LAB | *2.1:41 |
|-------------|---------------|------------------------------|--------------|--------------------|---|-----------|--------------------------------|-------------|---------------------------------|--|
| | | ~~~ | AFAT: 11.11T | | | DETECTION | | | RESULT | VALIDATION |
| LOCATION | | DEPTH | DEPTH UNIT | SANAL VOTE | CAS NO | DETECTION | DECLUIT | LIMITO | | the said of the sa |
| | SAMPLE NUMBER | - Newsconnected Section 1999 | END CODE | | Sa mare billion and a section from the contraction. | LIMIT | Significant statement district | | Liverthaid turnistikikisiisiina | QUALIFIER |
| | BH40160AE | 6 | | STRONTIUM | 7440-24-6 | 5 | · | mg/kg | | J |
| 40093 | BH40170AE | 6 | 8¦FT | STRONTIUM | 7440-24-6 | 49 | | mg/kg | | J |
| 44893 | BH40191AE | 6 | 12 FT | STRONTIUM | 7440-24-6 | 47 | | mg/kg | | J |
| 40993 | BH40204AE | 6 | 10 FT | STRONTIUM | 7440-24-6 | 5 | 10.2 | mg/kg | В | J |
| 40993 | BH40206AE | 10 | 19 FT | STRONTIUM | 7440-24-6 | 5 | 18 | mg/kg | В | J |
| | BH40220AE | 6 | <u> </u> | STRONTIUM | 7440-24-6 | 47 | | mg/kg | | J |
| | BH40246AE | 6 | | STRONTIUM | 7440-24-6 | 45 | | mg/kg | | J |
| | | | | | 7440-24-6 | 5 | | | | J |
| | BH40256AE | 6 | | ISTRONTIUM | | | · | mg/kg | | |
| 42293 | BH40258AE | 11 | 13 FT | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| 42393 | BH40264AE | 6 | 8 FT | STRONTIUM | 7440-24-6 | 42 | | mg/kg | В | J |
| 42593 | BH40290AE | 10 | 17 FT | STRONTIUM | 7440-24-6 | 5 | 60.4 | mg/kg | | J |
| 43193 | BH40309AE | 6 | 11/FT | STRONTIUM | 7440-24-6 | 46 | 16.7 | mg/kg | В | J |
| 43393 | BH40324AE | 8 | 13 FT | STRONTIUM | 7440-24-6 | 5 | 92.2 | mg/kg | | J |
| | BH40335AE | 6 | 12 FT | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| | | | | STRONTIUM | 7440-24-6 | 43 | | mg/kg | | j |
| | BH40351AE | 6 | 10 FT | | | | | | | |
| | BH40380AE | 6 | | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| | BH40382AE | 9 | 18 FT | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| 40793 | BH40414AE | 8 | 13 FT | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| 40993 | BH40415AE | 20 | 29 FT | STRONTIUM | 7440-24-6 | 5 | 30.7 | mg/kg | В | J |
| | BH40416AE | 31 | 35 FT | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| | BH40424AE | 6 | | STRONTIUM | 7440-24-6 | 5 | | mg/kg | * | J |
| 42193 | BH40430AE | 22 | 28 FT | STRONTIUM | 7440-24-6 | 5 | | mg/kg | R | J |
| <u></u> | | | | | - | 5 | | | | |
| 42193 | BH40432AE | 6 | 10 FT | STRONTIUM | 7440-24-6 | | | mg/kg | | J |
| 42193 | BH40433AE | 28 | | STRONTIUM | 7440-24-6 | 5 | | mg/kg | | J |
| 42493 | BH40445AE | 8 | 10 FT | STRONTIUM | 7440-24-6 | 5 | 54.8 | mg/kg | | J |
| 42593 | BH40450AE | 8 | 10 FT | STRONTIUM | 7440-24-6 | 5 | 94.7 | mg/kg | | J |
| 43693 | BH40521AE | 6 | 8 FT | STRONTIUM | 7440-24-6 | 5 | 15.1 | mg/kg | В | J |
| 43693 | BH40522AE | 8 | | STRONTIUM | 7440-24-6 | 5 | | | В | J |
| 43693 | BH40525AE | 10 | | STRONTIUM | 7440-24-6 | 5 | | mg/kg | ļ | J |
| | · | | | | | 40 | | | | |
| | BH40711AE | 9 | | STRONTIUM | 7440-24-6 | | 1 | mg/kg | 1 | J |
| 46593 | BH40713AE | 11 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46693 | BH40726AE | 7 | 8 FT | STRONTIUM | i 7440-24-6 | 40 | | mg/kg | B | J |
| 46693 | BH40728AE | 9 | 15 FT | STRONTIUM | 7440-24-6 | 40 | 53.2 | mg/kg | | J |
| 46793 | BH40740AE | 6 | 8 FT | STRONTIUM | 7440-24-6 | 40 | 398 | mg/kg | | J |
| 46.793 | BH40742AE | 8 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46893 | BH40748AE | 7 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| | | 9 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46893 | BH40749AE | | | | | | | | | |
| 46893 | BH40754AE | 12 | 12 FT | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| | BH40768AE | 6 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | J |
| 46993 | BH40770AE | 7 | 13 FT | STRONTIUM | 7440-24-6 | 40 | 39.8 | mg/kg | В | J |
| 47093 | BH40776AE | 7 | 9 FT | STRONTIUM | 7440-24-6 | 200 | 20.9 | mg/kg | В | J |
| | SEP0389BR0915 | 9 | 15 FT | STRONTIUM | 7440-24-6 | 40 | | | U | V |
| | SEP0389BR1521 | 15 | · | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| <u></u> | | 10 | | | 7440-24-6 | 40 | | | | V |
| | SEP1689BR1016 | | | STRONTIUM | | | | | | |
| P208989 | SEP1789BR0915 | 9 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | SEP1889BR1218 | 12 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | SEP1889BR1824 | 18 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| P209189 | SEP1989BR1016 | 10 | 16 FT | STRONTIUM | 7440-24-6 | 40 | 230 | mg/kg | U | V |
| | SEP1989BR1622 | 16 | 22 FT | STRONTIUM | 7440-24-6 | 40 | 243 | mg/kg | U | V |
| | SEP2289BR0912 | 9 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | A |
| | SEP2289BR1213 | 12 | | STRONTIUM | 7440-24-6 | 40 | | | | A |
| | <u> </u> | | | | | | | | (| |
| | SEP2289BR1416 | 14 | | STRONTIUM | 7440-24-6 | 40 | · | | | A |
| | SEP2289BR1621 | 16 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | A |
| | SEP2389BR1015 | 10 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| P209889 | SEP2689BR1016 | 10 | 16 FT | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| P210189 | SEP3089BR0915 | 9 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | SEP3089BR1521 | 15 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | SEP3089BR2127 | 21 | | ISTRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | | | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | SEP3189BR0713 | 7 | | | | | | | · | |
| | SEP3189BR1319 | 13 | | STRONTIUM | 7440-24-6 | 40 | | mg/kg | | V |
| | BH00064AE | 6 | | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | <u>`</u> | V |
| 05193 | BH00069AE | 6 | | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | <u> </u> | V |
| 05393 | BH00079AE | 18 | 22 FT | SULFIDE | 18496-25-8 | 10.6 | 12.1 | mg/kg | U | V |
| | BH00081AE | 6 | 12 FT | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | U | V |
| 05393 | BH00084AE | 12 | | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | | V |
| | | | ,., | , · | , | | 2.0 | 3.19 | | <u> </u> |



| 6 | 13DIE A.9 301 | ar Evapor | ation Po | na AUC | - Analytical Res | uits for Subst | iriace soils Gi | eater Illai | * * 359 s | | |
|----------|---------------|----------------|--------------|--------|------------------|----------------|--------------------|-------------|-----------|----|----------------------|
| LOCATION | SAMPLE NUMBER | DEPTH START | DEPTH END | UNIT | ANALYTE | CAS NO | DETECTION LIMIT | RESULT | 1 | | VALIDATION QUALIFIER |
| 44593 | BH40005AE | 6, | 11 | | SULFIDE | 18496-25-8 | 10 | | | U | V |
| 41193 | BH40052AE | 6 | | | | 18496-25-8 | 10.6 | | | | J |
| 41993 | BH40065AE | 6 | 12 | | **** | 18496-25-8 | 10.6 | | | | <u>V</u> |
| 43893 | BH40073AE | 6 | | | SULFIDE | 18496-25-8 | 10.4 | | | | V |
| 42193 | BH40086AE | 10 | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| 42193 | BH40091AE | 16 | 22 | | | 18496-25-8 | 10.6 | | 3 3 | U | V |
| | BH40144AE | 7: | | | SULFIDE | 18496-25-8 | 10.4 | | mg/kg | | V |
| | BH40160AE | 6 | | | | 18496-25-8 | 10.6 | | | U | |
| | BH40170AE | 6, | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | BH40191AE | 6 | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | BH40204AE | 6 | | | SULFIDE | 18496-25-8 | 10.5 | | | | V |
| | BH40220AE | 6 | | | SULFIDE | 18496-25-8 | 10.2 | | | U | |
| | BH40246AE | 6 | | | SULFIDE | 18496-25-8 | 10.2 | | | U | |
| | BH40256AE | 6 | | | SULFIDE | 18496-25-8 | 10.6 | | | | J |
| | BH40258AE | 11 | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | BH40264AE | 6 | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | BH40290AE | 10 | | | | 18496-25-8 | 10.6 | | | | V |
| | BH40309AE | 6 | | | SULFIDE | 18496-25-8 | 10.5 | | | U | |
| | BH40324AE | 8 | | FT | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | BH40335AE | 6 | | | SULFIDE | 18496-25-8 | 10.2 | | | U | |
| <u></u> | BH40351AE | 6 | | | SULFIDE | 18496-25-8 | 10.1 | | | | V |
| | BH40380AE | 6 | | | SULFIDE | 18496-25-8 | 10.6 | | | | <u>v</u> |
| | BH40382AE | 9 | | | SULFIDE | 18496-25-8 | 10.6 | | | U | V |
| | BH40414AE | 8 | | FT | SULFIDE | 18496-25-8 | 10.6 | | mg/kg | | |
| | BH40416AE | 31 | | | SULFIDE | 18496-25-8 | 10.5 | | | | V |
| | BH40430AE | 22 | | | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | BH40433AE | 28 | | FT | SULFIDE | 18496-25-8 | 10.6 | | | - | V |
| | BH40450AE | 8 | | | SULFIDE | 18496-25-8 | 10.6 | | | | ٧ |
| | BH40713AE | 11 | | FT | SULFIDE | 18496-25-8 | 10.4 | | | U | J |
| | BH40728AE | 9 | | | SULFIDE | 18496-25-8 | 10.6 | | | U | J |
| | BH40742AE | 8 | | FT | | 18496-25-8 | 10.6 | | mg/kg | | J |
| | BH40770AE | 7 | | FT | SULFIDE | 18496-25-8 | 10.6 | | | | <u>V</u> |
| | BH40807AE | 6 | | FT | SULFIDE | 18496-25-8 | 10.6 | | | | V |
| | SEP0389BR0915 | 9 | | FT | SULFIDE | 18496-25-8 | | | | | V |
| | SEP0389BR1521 | 15 | | FT | SULFIDE | 18496-25-8 | <u> </u> | ***** | | | V |
| | SEP1689BR1016 | 10 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP1789BR0915 | 9 | | | SULFIDE | 18496-25-8 | | · | mg/kg | | V |
| | SEP1889BR1218 | 12 | | | SULFIDE | 18496-25-8 | | | | | Α |
| | SEP1889BR1824 | 18 | | FT | SULFIDE | 18496-25-8 | | | | | A |
| | SEP1989BR1016 | 10 | | | SULFIDE | 18496-25-8 | ļ | | 3 3 | | V |
| | SEP1989BR1622 | 16 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP2289BR0912 | 9 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP2289BR1213 | 12 | | | SULFIDE | 18496-25-8 | | | | | V · |
| | SEP2289BR1416 | 14 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP2289BR1621 | 16 | | | SULFIDE | 18496-25-8 | | | mg/kg | | V |
| | SEP2389BR1015 | 10 | | | SULFIDE | 18496-25-8 | <u> </u> | | | | V |
| | SEP2689BR1016 | 10 | | | SULFIDE | 18496-25-8 | - | | | | A |
| | SEP3089BR0915 | 9 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP3089BR1521 | 15 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP3089BR2127 | 21 | | | SULFIDE | 18496-25-8 | | | | | V |
| | SEP3189BR0713 | 7 | | | SULFIDE | 18496-25-8 | <u> </u> | | | | V |
| | SEP3189BR1319 | 13 | | | SULFIDE | 18496-25-8 | <u> </u> | | | | V |
| | BH00064AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | | | V |
| | BH00069AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | | UW | J |
| | BH00079AE | 18 | | | THALLIUM | 7440-28-0 | 2 | | | | V |
| | BH00081AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | mg/kg | | V |
| | BH00084AE | 12 | | FT | THALLIUM | 7440-28-0 | 2 | | | | V |
| | BH40005AE | 6 | | FT | THALLIUM | 7440-28-0 | 2.3 | | mg/kg | | V |
| | BH40052AE | . 6 | | | THALLIUM | 7440-28-0 | 2 | | | | J |
| | BH40065AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | | | V |
| | BH40073AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | | UN | J |
| | BH40086AE | 10 | | FT | THALLIUM | 7440-28-0 | 2 | | | U | V |
| | BH40091AE | 16 | | FT | THALLIUM | 7440-28-0 | 2 | | | UW | J |
| | BH40144AE | 7 | | FT | THALLIUM | 7440-28-0 | 2 | | | | V |
| 40793 | BH40160AE | 6 | 8 | FT | THALLIUM | 7440-28-0 | 2 | 0.48 | mg/kg | UW | J |

| • | Table A 9 Sol | ar Evanoi | ration Po | nd AOC | - Analytical Resu | ults for Subsu | rface Soils G | reater Tha | n 6 Feet | - Metais | |
|--------------------|---------------------------------|--------------|--------------|--------------|-------------------------------------|------------------------|---------------|-------------------------------------|--|-----------|---|
| 78 6 7 | Table A.9 30% | A CVAPO | 2 T | 7.55 | The man was to be to be to be to be | A. M. 3. | 2000年,康元龄 | 28.5% AST | | LAB | |
| LOCATION | The Mary State of the | | DEPTH | UNIT. | | | DETECTION | | S. W. | | VALIDATION |
| CODE | SAMPLE NUMBER | START | | | | CAS NO | LIMIT | a taken displaying the partition of | a high with the party of a ware . | QUALIFIER | |
| | BH40170AE | 6 | | FT | | 7440-28-0 | 2 | | | | J J |
| | BH40191AE | 6 | | FT | | 7440-28-0 7440-28-0 | 2 | | | | V |
| | BH40204AE | 6 | | FT | THALLIUM | 7440-28-0 | 2 | | | | J |
| | BH40206AE | 10 | | FT | THALLIUM | 7440-28-0 | 2 | · | | | J |
| | BH40220AE BH40246AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | | UW | J |
| 41793 42293 | BH40256AE | 6 | | | THALLIUM | 7440-28-0 | 2 | | mg/kg | UW | J |
| | BH40258AE | 11 | | FT | | 7440-28-0 | 2 | | | UW | J |
| | BH40264AE | 6 | <u> </u> | FT | THALLIUM | 7440-28-0 | 2 | 0.21 | mg/kg | . – | V |
| | BH40290AE | 10 | | FT | THALLIUM | 7440-28-0 | 2 | 0.46 | mg/kg | | V |
| 43193 | BH40309AE | 6 | 11 | FT | THALLIUM | 7440-28-0 | 2 | | 1 3 5 | · — | V |
| | BH40324AE | 8 | 13 | FT | THALLIUM | 7440-28-0 | 2 | | | UWN* | J |
| 43793 | BH40335AE | 6 | | FT | THALLIUM | 7440-28-0 | 2 | | | UW | J |
| 44093 | BH40351AE | 6 | | FT | THALLIUM | 7440-28-0 | 2 | | mg/kg | UW | V |
| 45893 | BH40380AE | 6 | <u></u> | FT | THALLIUM | 7440-28-0 | 2 | | mg/kg | U | V |
| 45893 | BH40382AE | 9 | | FT | THALLIUM | 7440-28-0 | 2 | | | U | V |
| 40793 | BH40414AE | 8 | | FT | THALLIUM | 7440-28-0 7440-28-0 | 2 | | | U | IV |
| 40993 | BH40415AE | 20 | | FT | THALLIUM | 7440-28-0 | | | | U | v |
| 40993 | BH40416AE BH40424AE | 31 | | FT | THALLIUM | 7440-28-0 | 2 | | | U | V |
| 41593 | BH40430AE | 22 | | | THALLIUM | 7440-28-0 | 1 2 | | | U | iv |
| 42193 42193 | BH40432AE | 6 | ` | FT | THALLIUM | 7440-28-0 | | | | UWN* | J |
| 42193 | BH40433AE | 28 | | FT | THALLIUM | 7440-28-0 | | | mg/kg | UWN* | J |
| 42493 | BH40445AE | 8 | | FT | THALLIUM | 7440-28-0 | 2 | 0.48 | mg/kg | U | V |
| 42593 | BH40450AE | 8 | | FT | THALLIUM | 7440-28-0 | 2 | 0.48 | mg/kg | U | V |
| 43693 | BH40521AE | 6 | 8 | FT | THALLIUM | 7440-28-0 | 2 | | 2 mg/kg | U | V |
| 43693 | BH40522AE | 8 | 10 | FT | THALLIUM | 7440-28-0 | 2 | | 2 mg/kg | U | V |
| 43693 | BH40525AE | 10 | | FT | THALLIUM | 7440-28-0 | | | mg/kg | U | <u> V </u> |
| 46593 | BH40711AE | 9 | | FT | THALLIUM | 7440-28-0 | | | mg/kg | В | J |
| 46593 | BH40713AE | 11 | | FT | THALLIUM | 7440-28-0 | | | 2 mg/kg | В | J |
| 46693 | BH40726AE . | <u> </u> | | FT | THALLIUM | 7440-28-0 | | | 4 mg/kg 9 mg/kg | lυ B | J |
| 46693 | BH40728AE | 9 | | FT | THALLIUM | 7440-28-0 | | | 9 mg/kg | U | V |
| 46793 | BH40740AE | 6 | | FT | THALLIUM | 7440-28-0 7440-28-0 | | | | UW | IV |
| 46793 | BH40742AE | 7 | | FT | THALLIUM | 7440-28-0 | | | 3 mg/kg | U | J |
| 46893 46893 | BH40748AE BH40749AE | - ' | | FT | THALLIUM | 7440-28-0 | | | | ΙŪ | J |
| 46893 | BH40754AE | 12 | | FT | THALLIUM | 7440-28-0 | | | | U | J |
| 46993 | BH40768AE | - | | FT | THALLIUM | 7440-28-0 | | | 4 mg/kg | U | J |
| 46993 | BH40770AE | | | FT | THALLIUM | 7440-28-0 | | 2 0.2 | 4 mg/kg | U | V |
| 47093 | BH40776AE | 1 | 7 9 | FT | THALLIUM | 7440-28-0 | 10 | 0.4 | 3 mg/kg | lU | V |
| P208889 | SEP1689BR1016 | 10 |) 15 | FT | THALLIUM | 7440-28-0 | | | | JUJ | Α |
| P208989 | SEP1789BR0915 | | | FT | THALLIUM | 7440-28-0 | | | 6 mg/kg | U | V |
| P209089 | SEP1889BR1218 | 12 | | FT | THALLIUM | 7440-28-0 | | | 6 mg/kg | U | IV . |
| P209089 | SEP1889BR1824 | 18 | | FT | THALLIUM | 7440-28-0 | | | | U | A |
| P209589 | SEP2389BR1015 | 10 | | FT | THALLIUM | 7440-28-0 | | | | n n | V |
| P210189 | SEP3089BR0915 | | | FT | THALLIUM | 7440-28-0 | | | | IU | V |
| P210189 | SEP3089BR1521 | 15 | | FT FT | THALLIUM | 7440-28-0 | | | 5 mg/kg | | V |
| P210189 P210289 | SEP3089BR2127 SEP3189BR0713 | | · | FT | ITHALLIUM | 7440-28-0 | | | | U | V |
| P210289 | SEP3189BR1319 | 13 | | FT | THALLIUM | 7440-28-0 | | | 7 mg/kg | U | ĪV |
| 05093 | BH00064AE | | | 2 FT | ITIN | 7440-31-5 | 100 | | | lu | J |
| 05193 | BH00069AE | | | 1 FT | TIN | 7440-31-5 | 100 | 0 21. | 9 mg/kg | U | J |
| 05393 | BH00079AE | 18 | | 2 FT | TIN | 7440-31-5 | 100 | | 7 mg/kg | | IJ |
| 05393 | BH00081AE | 1 (| 5 1: | 2 FT | TIN | 7440-31-5 | 10 | | 6 mg/kg | | J |
| 05393 | BH00084AE | 12 | | 3 FT | TIN | 7440-31-5 | 10 | | 1 mg/kg | | J. |
| 44593 | BH40005AE | | | 1 FT | TIN | 7440-31-5 | 45. | | 7 mg/kg | | J |
| 41193 | BH40052AE | | | B FT | TIN | 7440-31-5 | 4 | | | B | J |
| 41993 | BH40065AE | | | 2 FT | TIN | 7440-31-5 | 4 | | 3 mg/kg | | J |
| 43893 | BH40073AE | | | 1 FT | TIN | 7440-31-5 | 10 | | 3 mg/kg 5 mg/kg | iB | J |
| 42193 | BH40086AE | 10 | | 6 FT 2 FT | TIN | 7440-31-5 7440-31-5 | 10 | | 3 mg/kg | | 13 |
| 42193 | BH40091AE | 10 | | D)FT | TIN | 7440-31-5 | 4 | | 2 mg/kg | | 3 |
| 42993 | BH40144AE BH40160AE | | | BFT | TIN | 7440-31-5 | 10 | | 2 mg/kg | | J |
| 40093 | BH40170AE | | | BFT | TIN | 7440-31-5 | 4 | | 1 mg/kg | | J |
| 44893 | BH40191AE | | | 2 FT | TIN | 7440-31-5 | | | 7 mg/kg | | J |
| , | 1-::: | · · | | | <u> </u> | ·· | | | | | |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals *LAB DETECTION 1 1 mg VALIDATION fraging was a DEPTH DEPTH UNIT RESULT LOCATION SAMPLE NUMBER START CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER END CODE ANALYTE CODE 7440-31-5 21.9 mg/kg U 40993 BH40204AE 6 10,FT TIN 100 BH40206AE 10 19 FT TIN 7440-31-5 100 22.2 mg/kg | U 40993 J 45.1 mg/kg B 41693 BH40220AE 6 12 FT TIN 7440-31-5 47 BH40246AE 6 11 FT TIN 7440-31-5 45 22.3 mg/kg | U J 41793 42293 BH40256AE 6 11 FT TIN 7440-31-5 100 23.6 mg/kg U IJ TIN 7440-31-5 100 21.6 mg/kg | U BH40258AE 11 13 FT IJ 42293 BH40264AE 8 FT TIN 7440-31-5 42 21.2 mg/kg U IJ 42393 6 17 FT TIN 7440-31-5 100 23.1 mg/kg U IJ 10 BH40290AE 42593 BH40309AE 6 11 FT TIN 7440-31-5 46 22.8 mg/kg U IJ 43193 23.9 mg/kg | U 13 FT TIN 7440-31-5 100 BH40324AE 8 IJ 43393 BH40335AE 12 FT TIN 7440-31-5 100 26.5 mg/kg | B J 43793 6 10 FT 6 TIN 7440-31-5 43 21.4 mg/kg | U IJ 44093 BH40351AE IJ 45893 BH40380AE 6 9 FT TIN 7440-31-5 100 23.7 mg/kg | U 23.7 mg/kg U 18|FT TIN 7440-31-5 100 9 IJ 45893 BH40382AE 7440-31-5 100 23.8 mg/kg U 40793 BH40414AE 8 13 FT TIN 100 37.8 mg/kg B IJ 40993 BH40415AE 20 29 FT TIN 7440-31-5 37 mg/kg B BH40416AE 31 35 FT TIN 7440-31-5 100 J 40993 100 24 mg/kg U 41593 BH40424AE 6 8 FT TIN 7440-31-5 IJ 42193 BH40430AE 22 28 FT TIN 7440-31-5 100 23.5 mg/kg U IJ 42193 BH40432AE 6 10 FT TIN 7440-31-5 100 22.9 mg/kg U IJ BH40433AE 28 31 FT TIN 7440-31-5 100 24.2 mg/kg | U IJ 42193 BH40445AE 10 FT TIN 7440-31-5 100 25.8 mg/kg | B 42493 8 IJ TIN 7440-31-5 100 24.2 mg/kg | U BH40450AE 10 FT 42593 8 IJ BH40521AE 8|FT TIN 7440-31-5 100 20.8 mg/kg U J 43693 6 7440-31-5 8 10 FT 21 mg/kg U J 43693 TIN 100 BH40522AE BH40525AE 10 13 FT 7440-31-5 100 91.1 mg/kg 43693 TIN J 11 FT TIN 9 7440-31-5 40 4.8 mg/kg | U J 46593 BH40711AE 5.1 mg/kg | U 46593 BH40713AE 11 16 FT TIN 7440-31-5 40 J 40 7 mg/kg |U 46693 BH40726AE 7 8 FT TIN 7440-31-5 IJ 46693 BH40728AE 9 15 FT TIN 7440-31-5 40 5.6 mg/kg | U J 46793 BH40740AE 6 8 FT TIN 7440-31-5 40 5.1 mg/kg U IJ 46793 BH40742AE 8 15 FT TIN 7440-31-5 40 4.8 mg/kg | U J 46893 BH40748AE 7 9 FT TIN 7440-31-5 40 6.7 mg/kg U J 9 11 FT 7440-31-5 40 6.5 mg/kg | U J BH40749AE TIN 46893 BH40754AE 12 12 FT TIN 7440-31-5 40 7.5 mg/kg | U J 46893 TIN 7440-31-5 40 7.3 mg/kg | U 46993 BH40768AE 6 7 FT J BH40770AE 13 FT TIN 7440-31-5 40 7.1 mg/kg | U J 46993 7 9FT TIN 7440-31-5 200 4.8 mg/kg | U IJ 47093 BH40776AE 9 15 FT TIN 7440-31-5 25.1 mg/kg U V P207589 SEP0389BR0915 40 21|FT TIN 7440-31-5 40 23.3 mg/kg U V SEP0389BR1521 P207589 15 15 FT V P208889 SEP1689BR1016 10 TIN 7440-31-5 40 22.7 mg/kg U 7440-31-5 V 9 15 FT 40 23.4 mg/kg | U P208989 SEP1789BR0915 ÌΤΙΝ ĪV P209089 SEP1889BR1218 12 18 FT TIN 7440-31-5 40 24.3 mg/kg | U P209089 SEP1889BR1824 18 24 FT TIN 7440-31-5 40 23.1 mg/kg | U V P209189 SEP1989BR1016 10 16 FT TIN 7440-31-5 40 23 mg/kg U IV P209189 SEP1989BR1622 16 22 FT TIN 7440-31-5 40 24.3 mg/kg U IV SEP2389BR1015 14 FT TIN 7440-31-5 40 22.6 mg/kg U V P209589 10 P209889 SEP2689BR1016 10 16 FT TIN 7440-31-5 40 22.9 mg/kg U V 7440-31-5 15 FT TIN 40 18.6 mg/kg U V SEP3089BR0915 9 P210189 SEP3089BR1521 21 FT TIN 7440-31-5 32.8 mg/kg V P210189 15 40 21 27 FT V SEP3089BR2127 7440-31-5 40 34.2 mg/kg P210189 TIN 13 FT 7440-31-5 V P210289 SEP3189BR0713 7 TIN 40 23.6 mg/kg U 19 FT 24.2 mg/kg U 13 TIN 7440-31-5 40 IV P210289 SEP3189BR1319 VANADIUM V 05093 BH00064AE 6 12 FT 7440-62-2 10 18.6 mg/kg īv 6 VANADIUM 7440-62-2 05193 BH00069AE 11 FT 10 19 mg/kg V 05393 BH00079AE 18 22 FT VANADIUM 7440-62-2 10 27.6 mg/kg V 7440-62-2 05393 BH00081AE 6 12 FT VANADIUM 10 41.7 mg/kg 05393 BH00084AE 12 18 FT VANADIUM 7440-62-2 10 31.9 mg/kg ĪV V 44593 BH40005AE 6 11 FT VANADIUM 7440-62-2 11.4 23.1 mg/kg BH40052AE 6 8 FT VANADIUM 7440-62-2 11 28 mg/kg V 41193 41993 BH40065AE 6 12 FT VANADIUM 7440-62-2 12 10.2 mg/kg | B V BH40073AE 11|FT VANADIUM 7440-62-2 V 43893 6 11 13.9 mg/kg BH40086AE 10 16 FT VANADIUM 7440-62-2 10 15.3 mg/kg IV 42193 BH40091AE 16 22 FT VANADIUM 7440-62-2 10 29 mg/kg IV 42193 14.4 mg/kg

BH40144AE

42993

7440-62-2

11

V

VANADIUM

10 FT

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

| 12 14 the 1 the 1 | , | · | (() () () () () () () () () (| | - Analytical Resi | | | | | | 1 (SE) |
|--------------------|---------------|--|---|------------------------|--|-----------|------------|---------|--------|--|--|
| | | | DEPTH | | | | SETESTION. | | | LAB 🛸 | N 40 3 4 |
| COOL | | DEPIN | | | | 1-24 | DETECTION | <u></u> | *5% ** | RESULT | VALIDATION QUALIFIER |
| CODE | SAMPLE NUMBER | - Marie Carrier Commence Comme | END | article and the second | Annual Street Control of the Control | CAS NO | LIMIT | | | * weeklein . I destruction management with | and the second second second second second |
| 40793 | BH40160AE | 6 | <u> </u> | FT | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| | BH40170AE | 6 | 8 | FT | VANADIUM | 7440-62-2 | 12 | 31.8 | mg/kg | | V |
| 44893 | BH40191AE | 6 | 12 | FT | VANADIUM | 7440-62-2 | 12 | 22.3 | mg/kg | | V |
| 40993 | BH40204AE | 6 | 10 | FT | VANADIUM | 7440-62-2 | 10 | 26.7 | mg/kg | | V |
| 40993 | BH40206AE | 10 | 19 | FT | | 7440-62-2 | 10 | | mg/kg | | V |
| | BH40220AE | 6 | | | | 7440-62-2 | 12 | | mg/kg | | v |
| | BH40246AE | 6 | | | | 7440-62-2 | | | | | |
| | | | | | | | 11 | | mg/kg | | V |
| | BH40256AE | 6 | | | | 7440-62-2 | 10 | | mg/kg | | V |
| | BH40258AE | 11 | | | | 7440-62-2 | 10 | | mg/kg | | V |
| 42393 | BH40264AE | 6 | | FT | VANADIUM | 7440-62-2 | 11 | 9.6 | mg/kg | В | V |
| 42593 | BH40290AE | 10 | 17 | FT | VANADIUM | 7440-62-2 | 10 | 26.9 | mg/kg | | V |
| 43193 | BH40309AE | 6 | | | | 7440-62-2 | 11 | | mg/kg | | V |
| | BH40324AE | 8 | | | | 7440-62-2 | 10 | · | mg/kg | | v |
| | BH40335AE | 6 | | | | 7440-62-2 | | | mg/kg | | V |
| | | · | | | | | 10 | 27.6 | mg/kg | | |
| | BH40351AE | 6 | | | | 7440-62-2 | 11 | 29.9 | mg/kg | | V |
| | BH40380AE | 6 | | | | 7440-62-2 | 10 | 40.6 | mg/kg | | V |
| 45893 | BH40382AE | 9 | 18 | FT | VANADIUM | 7440-62-2 | 10 | 22 | mg/kg | | V |
| 40793 | BH40414AE | 8 | 13 | FT | VANADIUM | 7440-62-2 | 10 | | mg/kg | | V |
| 40993 | BH40415AE | 20 | | | | 7440-62-2 | 10 | | mg/kg | | V |
| | BH40416AE | 31 | | | | 7440-62-2 | 10 | | mg/kg | | V . |
| | BH40424AE | 6 | <u> </u> | | | 7440-62-2 | | | | | V |
| | | | | | | | 10 | | mg/kg | | |
| | BH40430AE | 22 | 28 | | | 7440-62-2 | 10 | 16.7 | mg/kg | | V |
| · | BH40432AE | 6 | | | | 7440-62-2 | 10 | 19.5 | mg/kg | · | V |
| 42193 | BH40433AE | 28 | 31 | FT | VANADIUM | 7440-62-2 | 10 | 30.6 | mg/kg | | V |
| 42493 | BH40445AE | 8 | 10 | FT | VANADIUM | 7440-62-2 | 10 | 45.1 | mg/kg | | V |
| 42593 | BH40450AE | 8 | 10 | FT | | 7440-62-2 | 10 | | mg/kg | | V |
| | BH40521AE | 6 | 8 | | | 7440-62-2 | 10 | | mg/kg | | v |
| | BH40522AE | 8 | | | | 7440-62-2 | | | mg/kg | | V |
| | BH40525AE | 10 | | | | | 10 | | | | |
| | | | 13 | | | 7440-62-2 | 10 | | mg/kg | | <u>V</u> |
| | BH40711AE | 9 | 11 1 | | | 7440-62-2 | 10 | 26.3 | | E | J |
| | BH40713AE | 11 | 16 1 | =T | VANADIUM | 7440-62-2 | 10 | 24.9 | mg/kg | E | J |
| 46693 | BH40726AE | 7 | 8 1 | -T | VANADIUM | 7440-62-2 | 10 | | | E | J |
| 46693 | BH40728AE | 9 | 15 1 | =T | VANADIUM | 7440-62-2 | . 10 | · | | | J |
| 46793 | BH40740AE | 6 | | | | 7440-62-2 | 10 | | mg/kg | | v |
| | BH40742AE | 8 | 15 | | VANADIUM | 7440-62-2 | 10 | 26.6 | mg/kg | | |
| | BH40748AE | 7 | | | | | | | | | V |
| | | | | | | 7440-62-2 | 10 | | mg/kg | | <u>v</u> |
| i | BH40749AE | 9 | 11 | | | 7440-62-2 | 10 | | mg/kg | | V |
| | BH40754AE | 12 | 12 | -1 | | 7440-62-2 | 10 | | mg/kg | В | J |
| | BH40768AE | 6 | 7 | -T | VANADIUM | 7440-62-2 | 10 | 33.9 | mg/kg | 1 | V |
| 46993 | BH40770AE | 7 | 13 1 | -T | VANADIUM | 7440-62-2 | 10 | | | В | J |
| 47093 | BH40776AE | 7 | 9 6 | | | 7440-62-2 | 50 | | mg/kg | | J |
| | SEP0389BR0915 | 9 | 15 F | | | 7440-62-2 | 10 | | mg/kg | | |
| | SEP0389BR1521 | 15 | 21 [| | | | | 45.5 | mg/kg | | A |
| | | | | | | 7440-62-2 | 10 | | mg/kg | | Α |
| | SEP1689BR1016 | 10 | 15 | | | 7440-62-2 | 10 | | mg/kg | | V |
| | SEP1789BR0915 | 9 | | | | 7440-62-2 | . 10 | | mg/kg | U | V |
| | SEP1889BR1218 | 12 | 18 F | | | 7440-62-2 | 10 | 19.9 | mg/kg | | V |
| P209089 | SEP1889BR1824 | 18 | 24 1 | -T [| VANADIUM | 7440-62-2 | 10 | | mg/kg | i | V |
| P209189 | SEP1989BR1016 | 10 | 16 F | | | 7440-62-2 | 10 | | mg/kg | | v |
| | SEP1989BR1622 | 16 | 22 F | | | 7440-62-2 | 10 | | mg/kg | | V |
| | SEP2289BR0912 | 9 | 12 F | | | 7440-62-2 | 10 | | | | |
| | SEP2289BR1213 | | | | | | | | mg/kg | | V |
| | | 12 | 13'F | | | 7440-62-2 | 10 | | mg/kg | | V |
| ~~ ~~~~ | SEP2289BR1416 | 14 | 16 F | | | 7440-62-2 | 10 | | mg/kg | | V |
| | SEP2289BR1621 | 16 | 21 F | | | 7440-62-2 | 10 | 10.2 | mg/kg | U | V |
| | SEP2389BR1015 | 10 | 14 F | -T | VANADIUM | 7440-62-2 | 10 | 16.2 | mg/kg | | V |
| P209889 | SEP2689BR1016 | 10 | 16 F | | | 7440-62-2 | 10 | | mg/kg | | v |
| | SEP3089BR0915 | 9 | 15 F | | | 7440-62-2 | 10 | | mg/kg | | v |
| | SEP3089BR1521 | 15 | 21 F | | | 7440-62-2 | | | | | |
| | SEP3089BR2127 | | | | | | 10 | | mg/kg | | V |
| | | 21 | 27 F | | | 7440-62-2 | 10 | | mg/kg | | V |
| | SEP3189BR0713 | 7 | 13 F | | | 7440-62-2 | 10 | | mg/kg | | V |
| | SEP3189BR1319 | 13 | 19 F | | | 7440-62-2 | 10 | | mg/kg | 7 | V |
| | BH00064AE | 6 | 12 F | T : | ZINC | 7440-66-6 | 10 | | mg/kg | i, | V |
| 05193 | BH00069AE | 6 | 11 F | | | 7440-66-6 | 10 | | mg/kg | | v |
| | BH00079AE | 18 | 22 F | | | 7440-66-6 | 10 | | mg/kg | | Ž – |
| | BH00081AE | 6 | 12 F | | | 7440-66-6 | 10 | | mg/kg | | V |
| | BH00084AE | | | | | | | | | | |
| | DINUUGAAE | 12 | 18 F | 1 | ZINC | 7440-66-6 | 10 | 56.4 | mg/kg | | V |

5)2

| | Table A.9 Sola | ar Evapoi | ration Po | nd AOC | - Analytical Resi | ults for Subst | ırface Soils Gr | eater Thai | 6 Feet | - Metals | 100 November 1 |
|--------------------|--------------------------------|--|-------------|---------------|--|------------------------|--|---------------------------------------|--------------------|--|----------------|
| | -3 1 Let 1 1/2 + 1/2 1 1 1 1 1 | 100 mg/s | | Vil. | and the same of th | 1 | | 1.20 | 80 | RESULT | VALIDATION |
| | | | | | 4 6 2 4 | | DETECTION | DECLILT | PTIMIL | QUALIFIER | |
| CODE | SAMPLE NUMBER | minimum in the last of the las | END | | ANALYTE | 7440-66-6 | | Agent the Same agent agent | mg/kg | - mention of the process of man | V |
| | BH40005AE | 6 | | | ZINC | 7440-66-6 | 4 | | mg/kg | | j |
| | BH40052AE BH40065AE | 6 | | FT | ZINC | 7440-66-6 | 5 | | mg/kg | | V |
| | BH40073AE | 6 | | | | 7440-66-6 | 4 | | mg/kg | E | J |
| | BH40086AE | 10 | | FT | ZINC | 7440-66-6 | 10 | 46.8 | mg/kg | į | V |
| | BH40091AE | 16 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| | BH40144AE | 7 | 10 | FT | ZINC | 7440-66-6 | 4 | | mg/kg | | V |
| | BH40160AE | 6 | 8 | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | J |
| 40093 | BH40170AE . | 6 | 8 | FT | ZINC | 7440-66-6 | 5 | | mg/kg | | V |
| 44893 | BH40191AE | 6 | | FT | ZINC | 7440-66-6 | 5 | | mg/kg | | ٧ |
| | BH40204AE | 6 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | 1 | V |
| | BH40206AE | 10 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | J |
| | BH40220AE | 6 | | FT | ZINC | 7440-66-6 | 5 | L | mg/kg mg/kg | | J |
| | BH40246AE | 6 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | J |
| | BH40256AE | 11 | | FT FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| | BH40258AE | 6 | | FT | ZINC | 7440-66-6 | 4 | | mg/kg | | V |
| | BH40264AE BH40290AE | 10 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| | BH40309AE | 6 | | FT | ZINC | 7440-66-6 | 5 | | mg/kg | | V |
| | BH40324AE | 8 | · | FT | ZINC | 7440-66-6 | 10 | <u> </u> | mg/kg | N* | J |
| 43793 | BH40335AE | 6 | <u> </u> | FT | ZINC | 7440-66-6 | 10 | 21.4 | mg/kg | | V |
| 44093 | BH40351AE | 6 | | FT | ZINC | 7440-66-6 | 4 | | mg/kg | | V |
| | BH40380AE | 6 | 9 | FT | ZINC | 7440-66-6 | 10 | 35.2 | mg/kg | | V |
| 45893 | BH40382AE | 9 | 18 | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| 40793 | BH40414AE | 8 | 13 | FT | ZINC | 7440-66-6 | 10 | | mg/kg | <u> </u> | J |
| 40993 | BH40415AE | 20 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | J |
| 40993 | BH40416AE | 31 | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | J V |
| 41593 | BH40424AE | 6 | | ∯FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| 42193 | BH40430AE | 22 | | IFT | ZINC | 7440-66-6 | 10 | | mg/kg mg/kg | NI* | J |
| 42193 | BH40432AE | 6 | |) FT | ZINC | 7440-66-6 7440-66-6 | 10 | | mg/kg | | J |
| 42193 | BH40433AE | 28 | | I}FT D FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| 42493 42593 | BH40445AE BH40450AE | 8 | | FT | ZINC | 7440-66-6 | 10 | <u> </u> | mg/kg | | V |
| 43693 | BH40521AE | . 6 | · | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| 43693 | BH40522AE | - ε | | FT | ZINC | 7440-66-6 | 10 | | mg/kg | | V |
| 43693 | BH40525AE | 10 | | 3 FT | ZINC | 7440-66-6 | 10 | 91.6 | mg/kg | | V |
| 46593 | BH40711AE | 9 | | 1 FT | ZINC | 7440-66-6 | 4 | | mg/kg | | V |
| 46593 | BH40713AE | 11 | | FT | ZINC | 7440-66-6 | 4 | 53.5 | mg/kg | | V |
| 46693 | BH40726AE | 7 | 7 8 | 3 FT | ZINC | 7440-66-6 | 4 | | mg/kg | | V |
| 46693 | BH40728AE | 1 9 | | FT | ZINC | 7440-66-6 | 4 | <u> </u> | mg/kg | <u> </u> | V |
| 46793 | BH40740AE | 1 6 | | 3 FT | ZINC | 7440-66-6 | 4 | | mg/kg | | <u>ļJ</u> |
| 46793 | BH40742AE | | | FT . | ZINC | 7440-66-6 | 4 | | mg/kg | <u> </u> = | N . |
| 46893 | BH40748AE | | | 9 FT | ZINC | 7440-66-6 | 4 | | mg/kg mg/kg | | J |
| 46893 | BH40749AE | 12 | | 1!FT | ZINC | 7440-66-6 | 1 | | mg/kg | | V |
| 46893 | BH40754AE | | | 2 FT 7 FT | ZINC | 7440-66-6 | | | mg/kg | | V |
| 46993 46993 | BH40768AE BH40770AE | | | 3 FT | ZINC | 7440-66-6 | | | mg/kg | 1 | J |
| 49993 47093 | BH40776AE | | | 9 FT | ZINC | 7440-66-6 | 20 | | mg/kg | 1 | V |
| P207589 | SEP0389BR0915 | | | 5 FT | ZINC | 7440-66-6 | | | mg/kg | | Α |
| P207589 | SEP0389BR1521 | 15 | | 1 FT | ZINC | 7440-66-6 | 1 4 | | mg/kg | | Α |
| P208889 | SEP1689BR1016 | 10 | | 5 FT | ZINC | 7440-66-6 | 4 | | mg/kg | 1 | Α |
| P208989 | SEP1789BR0915 | | | 5 FT | ZINC | 7440-66-6 | | | mg/kg | | A |
| P209089 | SEP1889BR1218 | 1: | | 8 FT | ZINC | 7440-66-6 | | | mg/kg | 1 | V |
| P209089 | SEP1889BR1824 | 18 | | 4 FT | ZINC | 7440-66-6 | - | | i mg/kg | | V |
| P209189 | SEP1989BR1016 | 10 | | 6 FT | ZINC | 7440-66-6 | | | 7 mg/kg | | V |
| P209189 | SEP1989BR1622 | 10 | | 2 FT | ZINC | 7440-66-6 | | | mg/kg | | V |
| P209489 | SEP2289BR0912 | | | 2 FT | ZINC | 7440-66-6 | | | 3 mg/kg 3 mg/kg | | V |
| P209489 | SEP2289BR1213 | 1: | | 3 FT | ZINC | 7440-66-6 7440-66-6 | | | mg/kg mg/kg | | V |
| P209489 | SEP2289BR1416 | 1 1 | | 6 FT | ZINC | 7440-66-6 | | | 3 mg/kg | | V |
| P209489 | SEP2289BR1621 | 10 | | 1 FT 4 FT | ZINC | 7440-66-6 | | | mg/kg | | A |
| P209589 P209889 | SEP2389BR1015 SEP2689BR1016 | 10 | | 4 F I 6 FT | ZINC | 7440-66-6 | | | 3 mg/kg | | V |
| P209889 P210189 | SEP3089BR0915 | | | 5 FT | ZINC | 7440-66-6 | | · · · · · · · · · · · · · · · · · · · | 8 mg/kg | | V |
| | | | | 1 FT | ZINC | 7440-66-6 | | | mg/kg | 1 | iA |
| P210189 | SEP3089BR1521 | 1: | DI / | | | | | | | | |

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

| LOCATION | SAMPLE NUMBER | | DEPTH UNIT | ANALYTE | CAS NO | DETECTION LIMIT R | ESULT UNITS | LAB RESULT: VALIDATION QUALIFIER QUALIFIER |
|----------|---------------|----|------------|---------|-----------|----------------------|-------------|--|
| P210289 | SEP3189BR0713 | 7 | 13 FT | ZINC | 7440-66-6 | 4 | 48 mg/kg | V |
| P210289 | SEP3189BR1319 | 13 | 19 FT | ZINC | 7440-66-6 | 4 | 66.6 mg/kg | V |

| | Tabl | e A.10 So | lar Evapo | 2/4 | Ponds AOC - Analytical Results f | | s Greater Thai | n 6 Feet - C | rganics | LAB` " | N. AK. SAR |
|--------------------|--------------------------------|-----------|--------------|--------|----------------------------------|----------------------|--|--------------|------------------|---------------------|----------------------|
| LOCATION | SAMPLE NUMBER | | DEPTH END | UNIT | Analyte | CAS NO | DETECTION LIMIT | | | RESULT QUALIFIER | VALIDATION QUALIFIER |
| 05093 | BH00065AE | 10 | | | 1,1,1-TCA | _i 71-55-6 | . 6 | 6 | ug/Kg { | U | V |
| 05193 | BH00068AE | 6 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | | V |
| | BH00070AE BH00085AE | 10 | | | 1,1,1-TCA 1,1,1-TCA | [71-55-6 [71-55-6 | 6 | | ug/Kg ug/Kg | | V V |
| 05393 | BH00083AE | 6 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg (| | v |
| 05393 | BH00080AE | 8 | | | 1,1,1-TCA | 71-55-6 | ί ε | 6 | ug/Kg | U | V |
| 40093 | BH40171AE | 10 | | | 1,1,1-TCA | 71-55-6 | 30 | | ug/Kg | | IV |
| 40293 | BH40120AE | 6 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | ··· | V IV |
| | BH40120AE BH40125AE | 6 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 6 | | ug/Kg ug/Kg | | V |
| 40393 | BH40125AE | 6 | | ~~~~~~ | 1,1,1-TCA | 71-55-6 | 6 | | | | V |
| 40793 | BH40161AE | 10 | 10 | FT | 1,1,1-TCA | 71-55-6 | Ε | | | | IV. |
| 40893 | BH40029AE | 7 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | V |
| 40993 40993 | BH40205AE BH40208AE | 9 31 | <u> </u> | | 1,1,1-TCA 1,1,1-TCA | j71-55-6 j71-55-6 | 6 | | | | IV IV |
| 41193 | BH40051AE | 6 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | v |
| 41193 | BH40053AE | 10 | | | 1,1,1-TCA | 71-55-6 | 7 | | ug/Kg | U | V |
| 41293 | BH40198AE | 6 | | | 1,1,1-TCA | 71-55-6 | . 6 | | ug/Kg | | V |
| 41593 | BH40216AE | 7 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | | V |
| 41693 41693 | BH40219AE BH40221AE | 10 | | | 1,1,1-TCA 1,1,1-TCA | 171-55-6 171-55-6 | 7 | | ug/Kg ug/Kg | | IV IV |
| 41693 | BH40223AE | 17 | | | 1,1,1-TCA | 71-55-6 | 1 6 | | ug/Kg | | v |
| 41993 | BH40066AE | 10, | | | 1,1,1-TCA | 71-55-6 | 6 | 6 | ug/Kg | Ų | V |
| | BH40104AE | 6 | | | 1,1,1-TCA | 71-55-6 | [6 | | ug/Kg | | IV. |
| 42193 | BH40437AE | 6 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | V |
| 42193 42293 | BH40090AE BH40255AE | 10 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 5 | | ug/Kg ug/Kg | | J |
| | BH40257AE | 11 | | | 1,1,1-TCA | 71-55-6 | | | ug/Kg | | J |
| 42393 | BH40263AE | 6 | | FT | 1,1,1-TCA | 71-55-6 | 5 | 5 | ug/Kg | U | V |
| 42393 | BH40265AE | 10 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | | V |
| 42493 42593 | BH40289AE BH40294AE | 10 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 6 | | ug/Kg | ···· | V |
| 42993 | BH40142AE | 9 | | | 1,1,1-TCA | 71-55-6 | | | ug/Kg ug/Kg | | v · |
| 42993 | BH40147AE | 14 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg i | | V |
| <u> </u> | BH40308AE | 6 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | V |
| | BH40331AE | 9 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | | V |
| | BH40323AE BH40342AE | 10 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | [6] 5 | | ug/Kg ug/Kg | | IV |
| | BH40344AE | 9 | | | 1,1,1-TCA | 71-55-6 | 5 | | | | v |
| 43693 | BH40347AE | 13 | 13 | FT | 1,1,1-TCA | 171-55-6 | 6 | 6 | ug/Kg | | V |
| 43793 | BH40336AE | 9 | | | 1,1,1-TCA | 71-55-6 | 5 | | | | V |
| 43793 43893 | BH40339AE BH40072AE | 14 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | I 6 | | ug/Kg ug/Kg | | V |
| 43893 | BH40076AE | 9 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | | V |
| 43893 | BH40074AE | 12 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | v |
| 43893 | BH40077AE | 15 | | | 1,1,1-TCA | 71-55-6 | 31 | | ug/Kg l | | V |
| 43993 | BH40360AE | 16 | | | 1,1,1-TCA | 71-55-6 | <u> 7</u> | | ug/Kg | | V |
| 44093 44093 | BH40350AE BH40352AE | 14 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 6 | | ug/Kg ug/Kg | | V V |
| | BH40037AE | 10 | | | 1,1,1-TCA | 71-55-6 | 1 6 | | ug/Kg | | v |
| 44593 | BH40004AE | 10 | 10 | FT | 1,1,1-TCA | 71-55-6 | 5 | 6 | ug/Kg | U | V |
| | BH40006AE | 14 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | ······ | V |
| | BH40189AE BH40192AE | 6 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | } 6 | | ug/Kg ug/Kg | | IV IV |
| | BH40195AE | 12 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 | <u> </u> | 6 | ug/Kg | Ŭ | V |
| 44893 | BH40194AE | 16 | | | 1,1,1-TCA | 71-55-6 | 6 | | ug/Kg | | iv |
| | BH40373AE | 9 | | FT | 1,1,1-TCA | 71-55-6 | 6 | 6 | ug/Kg | U | V |
| | BH40381AE | 9 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | ~~~~~ | V |
| | BH40387AE BH40704AE | 8 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 5 | | ug/Kg ug/Kg | | V |
| | BH40712AE | 10 | | | 1,1,1-TCA | 71-55-6 | 1 5 | | ug/Kg | | V |
| 46693 | BH40719AE | 6 | | | 1,1,1-TCA | 71-55-6 | 5 | 6 | ug/Kg | U | J |
| | BH40727AE | 14 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | U | V |
| | BH40733AE | 6 | | | 1,1,1-TCA | 71-55-6 | <u>j</u> 5 | 6 | ug/Kg | <u>U</u> | V |
| 46793 46893 | BH40741AE BH40747AE | 8 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 |) 5 1 5 | | ug/Kg ug/Kg | | V V |
| | BH40750AE | 10 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | v |
| 46893 | BH40755AE | 12 | 12 | FT . | 1,1,1-TCA | 71-55-6 | 5 | 6 | ug/Kg | U | V |
| | BH40769AE | 7 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | | V |
| P208989 P208989 | SEP1789BR0810 SEP1789BR1214 | 9 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 6 | | ug/Kg ug/Kg | | V |
| | SEP1789BR1214 | 17 | | | 1,1,1-TCA | 71-55-6 | 6 | , b | ug/Kg ug/Kg | | V |
| | SEP1989BR0810 | 8 | | | 1,1,1-TCA | 71-55-6 | 5 | | ug/Kg | U | V |
| | SEP1989BR1214 | 12 | | | 1,1,1-TCA | 71-55-6 | 6 | 6 | ug/Kg | U | V |
| P209189 | SEP1989BR1618 | 16 | 18 | FT | 1,1,1-TCA | 71-55-6 | 6 | 6 | ug/Kg | U | V |

| | N. C. C. C. | 340 50 | 2000 | RS S | LE TRUE | walk Ngw. | . N | Subsurface Soi | 3*- ** | . *** | *.€ | LAB | 1 27 3 3 × · · |
|---------------------------------------|---------------------------------|---------------------------|----------|---------------------------------------|------------------------|--|--------|--|-----------|--|---------------------|-------------|--------------------------------------|
| LOCATION | | | DEPTH | UNIT | 1 | | | | DETECTION | | 1 | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | when with the second of a | | CODE | | Analyte | | Mills warmen was at the collection . The | LIMIT | Andrew Street, | Section or services | QUALIFIER | · Paradi de la composito finishi dan |
| P209189 P209189 | SEP1989BR2021 SEP1989BR2223 | 20 | | | 1,1,1-TCA 1,1,1-TCA | | ····· | 71-55-6 | 6 | | | <u>U</u> | <u>:V</u> |
| | SEP2289BR0810 | 8 | | | 1,1,1-TCA | | | 71-55-6 | 6 | | | ju Iv | IV IV |
| | SEP2289BR1618 | 16 | | | 1,1,1-TCA | | | 71-55-6 | 6 | | | ĪŪ | ĪV |
| | SEP2289BR2022 | 20 | | FT | 1,1,1-TCA | ······································ | | 71-55-6 | 6 | 6 | ug/Kg | U | V |
| | SEP2689BR0810 | 8 | | | 1,1,1-TCA | | | 171-55-6 | 6 | | | | V |
| | SEP2689BR1214 | 12 | | | 1,1,1-TCA | | | 71-55-6 | 6 | | ug/Kg | | ĮV . |
| | SEP3089BR0810 SEP3089BR1214 | 9 13 | 14 | | 1,1,1-TCA 1,1,1-TCA | | | 71-55-6 71-55-6 | 690 | | | U U | [V ¡V |
| | SEP3089BR1618 | 17 | | | 1,1,1-TCA | | | 71-55-6 | 690 | | | | IV |
| | SEP3089BR2022 | 21 | 23 | | 1,1,1-TCA | | | 71-55-6 | 690 | | | <u> </u> | V |
| | SEP3089BR2426 | 25 | | | 1,1,1-TCA | | | 71-55-6 | 740 | 740 | ug/Kg | Ü | V |
| | SEP3189BR0810 | 8 | | | 1,1,1-TCA | | | 71-55-6 | 6 | | | <u> </u> | IV |
| | SEP3189BR1214 | 12 | | | 1,1,1-TCA | ····· | · | 71-55-6 | 6 | | | | IV. |
| | SEP3189BR1618 BH00065AE | 16 10 | 18 10 | | 1,1,1-TCA | RACHLORO | ETHANE | 71-55-6 79-34-5 | 6 | | <u> </u> | lu Iu | IV IV |
| | BH00068AE | 6 | | | | RACHLORO | | 79-34-5 | 1 6 | | | iu | V |
| | BH00070AE | 10 | | | | RACHLORO | | 79-34-5 | 6 | | | | iv |
| · · · · · · · · · · · · · · · · · · · | BH00085AE | 14 | 14 | FT | 1,1,2,2-TE | RACHLORO | ETHANE | 79-34-5 | 6 | | | U | V |
| | BH00078AE | 6 | | | | RACHLORO | | 79-34-5 | 6 | | | | !V |
| | BH00080AE | 8 | | | | RACHLORO | | 179-34-5 | 6 | | | U | V |
| | BH40171AE BH40120AE | · 6 | 10 | | ···· | RACHLORO RACHLORO | | 79-34-5 79-34-5 | 30 | | | U U | V |
| | BH40120AE | 6 | | | | RACHLORO | | 79-34-5 | 6 | | | U | V |
| | BH40125AE | 6 | | | | RACHLORO | | 79-34-5 | 6 | | | IU | V |
| | BH40125AE | 6 | | | | RACHLORO | | 79-34-5 | 6 | | | | V |
| | BH40161AE | 10 | 10 | | 1,1,2,2-TET | RACHLORO | ETHANE | 79-34-5 | 6 | | | U | V |
| | BH40029AE | 7 | i | | | RACHLORO | | 79-34-5 | 5 | | | | V |
| | BH40205AE BH40208AE | 9 31 | 10 | | | RACHLORO | | 79-34-5 | 6 | | | | V |
| | BH40051AE | 6 | 31 | | | RACHLORO RACHLORO | | 79-34-5 79-34-5 | 5 | | | | IV IV |
| | BH40053AE | 10 | 10 | | | RACHLORO | | 79-34-5 | 7 | | | | V |
| 41293 | BH40198AE | 6 | | | | RACHLORO | | 179-34-5 | 6 | | | | ív |
| | BH40216AE | 7 | 8 | FT | 1,1,2,2-TET | RACHLORO | ETHANE | 79-34-5 | 6 | | | U | V |
| | BH40219AE | 6 | | | | RACHLORO | | 79-34-5 | 7 | | | | V |
| | BH40221AE | 10 | 10) | | | RACHLORO | | 79-34-5 | 1 6 | | | | V |
| | BH40223AE BH40066AE | 17 | 17 | | | RACHLORO RACHLORO | | 79-34-5 179-34-5 | 6 | | | | V |
| | BH40104AE | 6 | 6 | | | RACHLORO | | 79-34-5 | 6 | | | U | V |
| | BH40437AE | 6 | | | | RACHLORO | | 79-34-5 | 5 | | 0 0 | | v |
| 42193 | BH40090AE | 10 | 10 | FT | 1,1,2,2-TET | RACHLORO | ETHANE | 79-34-5 | 6 | | | | V |
| | BH40255AE | 7 | | | | RACHLORO | | 79-34-5 | 5, | | | | J |
| | BH40257AE | 11 | 11 | | | RACHLORO | | 79-34-5 | 6 | | | | J |
| | BH40263AE BH40265AE | 6; 10 | 6[i | | | RACHLORO RACHLORO | | 79-34-5 79-34-5 | 5 | | | | V |
| | BH40289AE | 10 | 10 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg ug/Kg | | V V |
| | BH40294AE | 10 | 10 | | | RACHLORO | | 79-34-5 | 6 | | | | v |
| 42993 | BH40142AE | 9 | 10 | | | RACHLORO | | 79-34-5 | 7 | ~~ | | | v |
| | BH40147AE | 14 | 14 | | | RACHLORO | | 79-34-5 | 6 | 6 | ug/Kg | U | V |
| | BH40308AE | 6 | 6 | | | RACHLORO | | 79-34-5 | 5 | | | | V |
| | BH40331AE BH40323AE | 9) 10) | 10 | | | RACHLORO | | 79-34-5 79-34-5 | 6 | | ug/Kg | | V V |
| ~~~~ | BH40342AE | 6 | 6 | | | RACHLORO | | 79-34-5 | 5 | | ug/Kg ug/Kg | | V |
| | BH40344AE | 9, | 10 | | | RACHLORO | | 79-34-5 | 5 | | ug/Kg | | V |
| | BH40347AE | 13 | 13 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| | BH40336AE | 9 | 9 1 | | | RACHLORO | | 79-34-5 | 5 | | ug/Kg | | ٧ |
| | BH40339AE | 14 | 14 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| | BH40072AE BH40076AE | 6] 9] | 6 l | · · · · · · · · · · · · · · · · · · · | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| | BH40076AE | 12 | 13 [| | | RACHLOROI RACHLOROI | | 79-34-5 79-34-5 | 6 5 | | ug/Kg ug/Kg | | V , |
| | BH40077AE | 15 | 15 1 | | | RACHLORO | | 79-34-5 | 31 | | ug/Kg | | V |
| 43993 | BH40360AE | 16 | 17 | | | RACHLORO | | 79-34-5 | 7 | | ug/Kg | | V |
| | BH40350AE | 6 | 6 1 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| | BH40352AE | 14, | 15 1 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| | BH40037AE \ BH40004AE | 10 | 10 l | | | RACHLOROI RACHLOROI | | 79-34-5 79-34-5 | 6 | | ug/Kg | | V |
| | BH40004AE | 14 | 14 | | | RACHLORO | | 79-34-5 | 5 5 | | ug/Kg ug/Kg | | V V |
| | BH40189AE | 6 | 6 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| 44893 | BH40192AE | 7 | 7 1 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | v |
| | BH40195AE | 12 | 12 | | | RACHLORO | | 79-34-5 | 6 | 6 | ug/Kg | U | V |
| | BH40194AE | 16 | 16 | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | V |
| 45693 | BH40373AE BH40381AE | 9 | 9 F | | | RACHLOROI RACHLOROI | | 79-34-5 79-34-5 | 5 | | ug/Kg | | V |
| 15893 | | | | | 1. 1.4.4° LEL | | | | 51 | 51 | ug/Kg | 1 | V |
| | BH40387AE | 8 | 8 F | | | RACHLORO | | 79-34-5 | 6 | | ug/Kg | | v · |

| | Table | e A.10 So | lar Evap | oration 1 | Ponds AOC - Analytical | Results for Su | bsurface Soil | s Greater Than | 6 Feet - Organics | LAB* | £5.00 |
|--------------------|--------------------------------|-----------|-------------|---------------|-------------------------|----------------|----------------------|-----------------|------------------------|----------|------------|
| LOCATION | | DEPTH | DEPTH | UNIT | Analyte | | CAS NO | DETECTION LIMIT | RESULT UNITS | RESULT | VALIDATION |
| 46593 | SAMPLE NUMBER BH40712AE | 10 | | CODE | 1,1,2,2-TETRACHLORO | | 79-34-5 | 5 | | | V |
| | BH40719AE | 6 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 | 5 | | | J |
| 46693 | BH40727AE | 14 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 | 5 | | | V |
| 46793 | BH40733AE | 6 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 179-34-5 | 5 | | | V |
| 46793 | BH40741AE BH40747AE | 8 | | | 1,1,2,2-TETRACHLORG | | 79-34-5 | 5 | | | v |
| 46893 | BH40750AE | 10 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 | 5 | | | V |
| 46893 | BH40755AE | 12 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 | 5 | | | V |
| 46993 | BH40769AE | 7 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 | 5 | | | V |
| P208989 | SEP1789BR0810 | 9 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 79-34-5 | 6 | | | IV IV |
| P208989 P208989 | SEP1789BR1214 SEP1789BR1618 | 13 | | | 1,1,2,2-TETRACHLORC | | 179-34-5 179-34-5 | 6 | | | V |
| P209189 | SEP1989BR0810 | 8 | | | 1,1,2,2-TETRACHLORG | | 79-34-5 | 5 | | | V |
| P209189 | SEP1989BR1214 | 12 | | FT | 1,1,2,2-TETRACHLORO | ETHANE | 79-34-5 | 6 | | | V |
| P209189 | SEP1989BR1618 | 16 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 | . 6 | | | IV. |
| P209189 | SEP1989BR2021 | 20 | | | 1,1,2,2-TETRACHLORO | ~ | 79-34-5 79-34-5 | <u>.</u> 6 | | | IV IV |
| P209189 P209489 | SEP1989BR2223 SEP2289BR0810 | 22 8 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 | 6 | | | V |
| P209489 | SEP2289BR0810 | 16 | | | 1,1,2,2-TETRACHLORG | | 79-34-5 | 6 | | | V |
| P209489 | SEP2289BR2022 | 20 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 | 6 | | | V |
| P209889 | SEP2689BR0810 | 8 | 10 | FT | 1,1,2,2-TETRACHLORO | ETHANE | 79-34-5 | 6 | | | V |
| P209889 | SEP2689BR1214 | 12 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 | 600 | | | V |
| P210189 | SEP3089BR0810 | 9 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 79-34-5 | 690 | | | V |
| P210189 | SEP3089BR1214 SEP3089BR1618 | 13 | | FT | 1,1,2,2-TETRACHLORC | | 79-34-5 | 690 | | | V |
| P210189 | SEP3089BR1018 | 21 | | | 1,1,2,2-TETRACHLORG | | 179-34-5 | 690 | | | V |
| P210189 | SEP3089BR2426 | 25 | | FT | 1,1,2,2-TETRACHLORO | | 79-34-5 | 740 | | U | V |
| P210289 | SEP3189BR0810 | 8 | | | 1,1,2,2-TETRACHLORO | | 79-34-5 | 6 | | | V |
| P210289 | SEP3189BR1214 | 12 | | | 1,1,2,2-TETRACHLORC | | 79-34-5 | 6 | | | V |
| P210289 | SEP3189BR1618 | 16 | | FT | 1,1,2,2-TETRACHLORO | ETHANE | 79-34-5 79-00-5 | 6 | | | V |
| 05093 05193 | BH00065AE BH00068AE | 10 | | | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 | 1 6 | | | V |
| 05193 | BH00070AE | 10 | | | 1,1,2-TCA | | 79-00-5 | 6 | | | iv |
| 05193 | BH00085AE | 14 | | | 1,1,2-TCA | | 79-00-5 | 6 | | | V |
| 05393 | BH00078AE | 6 | | | 1,1,2-TCA | | 79-00-5 | 1 6 | | | V |
| 05393 | BH00080AE | 8 | | | 1,1,2-TCA | | 79-00-5 | 30 | | | IV . |
| 40093 | BH40171AE BH40120AE | 10 | | | 1,1,2-TCA 1,1,2-TCA | | †79-00-5 †79-00-5 | 6 | | | V |
| 40293 | BH40120AE | 6 | | | 1,1,2-TCA | | 79-00-5 | 1 6 | | Ū | V |
| 40393 | BH40125AE | 6 | | | 1,1,2-TCA | | 79-00-5 | (6 | | | IV . |
| 40393 | BH40125AE | 6 | | | 1,1,2-TCA | | 79-00-5 | 6 | | | V |
| 40793 | BH40161AE | 10 | | | 1,1,2-TCA | | 79-00-5 79-00-5 | 1 5 | | U | V |
| 40893 40993 | BH40029AE BH40205AE | 9 | | | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 | 6 | | U | V |
| 40993 | BH40208AE | 31 | | · | 1,1,2-TCA | | 79-00-5 | 6 | | | V |
| 41193 | BH40051AE | 6 | 6 | | 1,1,2-TCA | | 79-00-5 | 5 | | | IV |
| 41193 | BH40053AE | 10 | <u></u> | | 1,1,2-TCA | | 79-00-5 | . 7 | | | V |
| 41293 | BH40198AE | 6 | | FT | 1,1,2-TCA | | 79-00-5 179-00-5 | 6 | | U | V |
| 41593 | BH40216AE BH40219AE | 7 | | FT | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 | 1 | | | V |
| 41693 | BH40221AE | 10 | | · | 1,1,2-TCA | | 79-00-5 | | | | V |
| 41693 | BH40223AE | 17 | | FT | 1,1,2-TCA | | 79-00-5 | (| 6 ug/Kg | U | V |
| 40993 | BH40066AE | 10 | | | 1,1,2-TCA | | 79-00-5 | [6 | | | IV |
| 42093 | BH40104AE | 6 | | | 1,1,2-TCA | | 79-00-5 79-00-5 | 6 | | | iV V |
| 42193 42193 | BH40437AE BH40090AE | 10 | | FT | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 179-00-5 | 1 6 | | | IV |
| 42193 | BH40255AE | 1 7 | | FT | 1,1,2-TCA | | 79-00-5 | | | | J |
| 42293 | BH40257AE | 11 | | | 1,1,2-TCA | | 79-00-5 | (| 6 ug/Kg | U | J |
| 42393 | BH40263AE | 6 | 6 | FT | 1,1,2-TCA | | 79-00-5 | | 5 ug/Kg | | !V |
| 42393 | BH40265AE | 10 | | FT | 1,1,2-TCA | | 79-00-5 | | | | IV |
| 42493 | BH40289AE | 10 | | FT | 1,1,2-TCA | | 79-00-5 79-00-5 | 6 | 6 ug/Kg 6 ug/Kg | | V IV |
| 42593 | BH40294AE BH40142AE | 10 | | FT | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 | | 7 7 ug/Kg | | V |
| 42993 | BH40147AE | 14 | | | 1,1,2-TCA | | 79-00-5 | 1 | | | v |
| 43193 | BH40308AE | 1 6 | | | 1,1,2-TCA | | 79-00-5 | 1 5 | 5 ug/Kg | U | (V |
| 43393 | BH40331AE | 9 | 9 | FT | 1,1,2-TCA | | 79-00-5 | | 6 ug/Kg | | IV. |
| 43493 | BH40323AE | 10 | | FT | 1,1,2-TCA | | 79-00-5 | | 6 ug/Kg | | IV V |
| 43693 43693 | BH40342AE BH40344AE | 9 | | FT | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 79-00-5 | | 5 5 ug/Kg 5 5 ug/Kg | | iV |
| 43693 | BH40344AE | 13 | | FT | 1,1,2-TCA 1,1,2-TCA | | 79-00-5 | - | | | V |
| 43793 | BH40336AE | 9 | | | 1,1,2-TCA | | 79-00-5 | 1 | | | V |
| 43793 | BH40339AE | 14 | 14 | FT | 1,1,2-TCA | | 79-00-5 | 1 6 | 6 ug/Kg | | V |
| 43893 | BH40072AE | 6 | | FT | 1,1,2-TCA | | 79-00-5 | | 6 ug/Kg | | įV |
| 43893 | BH40076AE | 9 | | FT | 11,1,2-TCA | | 79-00-5 | | 6 ug/Kg | | IV IV |
| 43893 | BH40074AE | 12 | 13 | FT | 1,1,2-TCA | | 79-00-5 | <u></u> | 5 ug/Kg | <u> </u> | [v |

| | Table | e A.10 So | lar Evaporation | Ponds AOC - Analytical Results for Su | ıbsurface Soil | s Greater Thai | n 6 Feet - Organics | | |
|----------------|--------------------------------|-----------|-----------------|---------------------------------------|----------------------|----------------|------------------------|---------------|--------------|
| LOCATION | | DEPTH | DEPTH UNIT | | 1 | DETECTION | | LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END CODE | Analyte | CAS NO | LIMIT | RESULT UNITS | QUALIFIER | |
| 43893 | BH40077AE BH40360AE | 15 16 | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 179-00-5 | 31 | | U | !V V |
| 44093 | BH40350AE | 6 | | 11,1,2-TCA | 179-00-5 | i 7 | | U | V |
| 44093 | BH40352AE | 14 | | 1,1,2-TCA | 79-00-5 | 6 | | | v |
| <u></u> | BH40037AE | 10 | | 1,1,2-TCA | 79-00-5 | 6 | | U | V |
| · | BH40004AE BH40006AE | 10 | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 179-00-5 | 5 5 | | | V |
| | BH40189AE | 6 | | <u></u> | 79-00-5 | 1 6 | | | V |
| 44893 | BH40192AE | 7 | | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | BH40195AE | 12 | | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | BH40194AE BH40373AE | 16 | 16;FT 9;FT | 1,1,2-TCA 1,1,2-TCA | 179-00-5 179-00-5 | 6 | | | IV IV |
| | BH40381AE | 9 | | 1,1,2-TCA | 179-00-5 | 5 | | | ř |
| | BH40387AE | 8 | 8 FT | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | BH40704AE | 6 | | 1,1,2-TCA | 79-00-5 | 5 | | | V |
| | BH40712AE BH40719AE | 10 6 | 10 FT 6 FT | 1,1,2-TCA 1,1,2-TCA | 179-00-5 179-00-5 | 5 | | | J |
| | BH40727AE | 14 | 15 FT | 1,1,2-TCA | 79-00-5 | 5 | | | V |
| | BH40733AE | 6 | | 1,1,2-TCA | 79-00-5 | 5 | | | V |
| 46793 46893 | BH40741AE BH40747AE | 8 6 | | 1,1,2-TCA | 79-00-5 79-00-5 | 5 | | | V |
| | BH40750AE | 10 | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 5 | | | V |
| 46893 | BH40755AE | 12 | 12 FT | 1,1,2-TCA | 79-00-5 | 5 | | | V |
| | BH40769AE | 7 | | 1,1,2-TCA | 79-00-5 | 5 | 6 ug/Kg | | V |
| | SEP1789BR0810 | 9 | 11/FT | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | SEP1789BR1214 SEP1789BR1618 | 13 17 | 15 FT 19 FT | 1,1,2-TCA 1,1,2-TCA | 179-00-5 179-00-5 | 6 | | | V |
| ~~~ | SEP1989BR0810 | 8 | 10 FT | 1,1,2-TCA | 79-00-5 | 5 | | | v |
| | SEP1989BR1214 | 12 | 14 FT | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | SEP1989BR1618 SEP1989BR2021 | 16 20 | 18 FT 21 FT | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 6 | | | V V |
| | SEP1989BR2223 | 22 | | 1,1,2-TCA | 79-00-5 | . 6 | | | V |
| P209489 | SEP2289BR0810 | 8 | | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | SEP2289BR1618 | 16 | ···· | 1,1,2-TCA | 79-00-5 | . 6 | | | V |
| | SEP2289BR2022 SEP2689BR0810 | 20 8 | 22 FT 10 FT | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 6 6 | | | V |
| | SEP2689BR1214 | 12 | | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | SEP3089BR0810 | 9 | | | 79-00-5 | 690 | | | V |
| | SEP3089BR1214 | .13 | | 1,1,2-TCA | 79-00-5 | 610 | - 3 3 1 | | V |
| • | SEP3089BR1618 SEP3089BR2022 | 17 21 | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 690 690 | 690 ug/Kg 690 ug/Kg | | V |
| | SEP3089BR2426 | 25 | | 1,1,2-TCA | 79-00-5 | 740 | 740 ug/Kg | <u>-</u> | v |
| | SEP3189BR0810 | 8 | | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/Kg | U | V |
| | SEP3189BR1214 SEP3189BR1618 | 12 | | 1,1,2-TCA | 79-00-5 | 6 | | | V |
| | BH00065AE | 16 10 | | 1,1,2-TCA 1,1-DCA | 79-00-5 75-34-3 | 6 6 | | | v v |
| | BH00068AE | 6 | | | 75-34-3 | 6 | | | ř – |
| | BH00070AE | 10 | | | 75-34-3 | . 6 | | | V |
| | BH00085AE BH00078AE | 14 6 | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 6 | | | V V |
| | BH00080AE | 8 | | | 75-34-3 | 6 | | | v |
| 40093 | BH40171AE | 10 | 10 FT | 1,1-DCA | 75-34-3 | 30 | 30 ug/Kg | Ú | V |
| | BH40120AE | 6 | | 1,1-DCA | 75-34-3 | 6 | | | V |
| | BH40120AE BH40125AE | 6 | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 6 | | | v v |
| | BH40125AE | 6 | | | 75-34-3 | 6 | | | ` |
| 40793 | BH40161AE | 10 | 10 FT | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg | U | V |
| | BH40029AE | 7 | | 1,1-DCA | 75-34-3 | 5 | | | V |
| | BH40205AE BH40208AE | 9 31 | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 6; 6 | | | v v |
| 41193 | BH40051AE | 6 | | 1,1-DCA | 75-34-3 | 5 | | | v |
| | BH40053AE | 10 | | 1,1-DCA | 75-34-3 | 7 | 7 ug/Kg | U į | v |
| | BH40198AE ! BH40216AE i | 6) 7 | | 1,1-DCA 1,1-DCA | 75-34-3 75-34-3 | 6 | | | <u>V</u> |
| | BH40219AE | 6 | | | 75-34-3 | 6 7 | | | V V |
| 41693 | BH40221AE | 10 | 10 FT | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg | U į | v |
| | BH40223AE | 17 | | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg | U ; | V |
| | BH40066AE BH40104AE | 10 | | · · · · · · · · · · · · · · · · · · · | 75-34-3 75-34-3 | 6 | | | <u>V</u> |
| | BH40437AE | 6 | | | 75-34-3 75-34-3 | 6 5 | | | v v |
| 42193 | BH40090AE | 10 | 10 FT | 1,1-DCA | 75-34-3 | 6 | 6 ug/Kg | | • |
| | BH40255AE | 7 | | | 75-34-3 | 5 | 5 ug/Kg | | J |
| | BH40257AE BH40263AE | 11 | | | 75-34-3 75-34-3 | 6. 5 | 6 ug/Kg | | J |
| | BH40265AE | 10 | | | 75-34-3 75-34-3 | 6 | | | v v |
| | | | | -1 | | | U/ug/itg | | * |

5/8

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

| | Table | e A.10 So | lar Evaporation | Ponds AOC - Analytical Results for Su | ibsurface Soil | s Greater Tha | n 6 Feet - | Organics | | |
|----------|----------------|-----------|-----------------|---------------------------------------|----------------|---------------|---|----------------|-----------|----------------|
| | | | i. | | | | | " | LAB | 100 |
| LOCATION | | DEPTH | DEPTH UNIT | | le s | DETECTION | | 45-0 | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END CODE | Analyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| 42493 | BH40289AE | 10 | | 1,1-DCA | 75-34-3 | ξ 6 | 6 | ug/Kg | ับ | ٧ |
| 42593 | BH40294AE | 10 | 10/FT | 1,1-DCA | 75-34-3 | 1 6 | 6 | ug/Kg | ĺυ | V |
| 42993 | BH40142AE | 9 | 10;FT | 1,1-DCA | 75-34-3 | 1 7 | 1 | ug/Kg | ĺU | V |
| 42993 | BH40147AE | 14 | | 1.1-DCA | 75-34-3 | | · | ug/Kg | | V |
| 43193 | BH40308AE | 6 | | 1,1-DCA | 75-34-3 | | | ug/Kg | <u> </u> | V |
| 43393 | BH40331AE | 9 | | 1,1-DCA | 75-34-3 | 1 6 | | ug/Kg | | V |
| | | | | | | | · | | | · |
| 43493 | BH40323AE | 10 | | 1,1-DCA | 75-34-3 | | | ug/Kg | | V |
| 43693 | BH40342AE | 6 | | 1,1-DCA | 75-34-3 | · | | ug/Kg | | IV |
| 43693 | BH40344AE | 9 | 10 FT | 1,1-DCA | 75-34-3 | | | ug/Kg | | IV |
| 43693 | BH40347AE | 13 | 13 FT | 1,1-DCA | 75-34-3 | 6 | S: 6 | ug/Kg | U | V |
| 43793 | BH40336AE | 9 | 9 FT | 1,1-DCA | 75-34-3 | 5 | 5 | ug/Kg | U | ίV |
| 43793 | BH40339AE | 14 | 14 FT | 1,1-DCA | 75-34-3 | <u>†</u> | ϵ | ug/Kg | u | V |
| 43893 | BH40072AE | 6 | | 1.1-DCA | 75-34-3 | Ε | | ug/Kg | | V |
| 43893 | BH40076AE | 9 | | 1,1-DCA | 75-34-3 | i e | | ug/Kg | <u> </u> | V |
| 43893 | BH40074AE | 12 | | 1,1-DCA | 175-34-3 | <u> </u> | *************************************** | ug/Kg | | V |
| | | | | | | | | | | |
| 43893 | BH40077AE | 15 | | 1,1-DCA | 75-34-3 | 31 | | ug/Kg | | V |
| 43993 | BH40360AE | 16 | | 1,1-DCA | 175-34-3 | | | ug/Kg | | V |
| 44093 | BH40350AE | 6 | | 1,1-DCA | 75-34-3 | [6 | | ug/Kg | | V |
| 44093 | BH40352AE | 14 | | 1,1-DCA | 75-34-3 | 6 | | | | V |
| 44393 | BH40037AE | 10 | 10 FT | 1,1-DCA | 75-34-3 | 6 | . 6 | ug/Kg | U | V |
| 44593 | BH40004AE | 10 | 10 FT | 1,1-DCA | 75-34-3 | 5 | 6 | ug/Kg | U | V |
| 44593 | BH40006AE | 14 | | 1,1-DCA | 75-34-3 | 5 | | ug/Kg | | V |
| 44893 | BH40189AE | 6 | | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | v |
| 44893 | BH40192AE | 7 | | 1,1-DCA | 175-34-3 | i 6 | | | | v |
| 44893 | BH40195AE | 12 | | 1,1-DCA | 75-34-3 | | | | | l v |
| | | | | | · | | | | | |
| 44893 | BH40194AE | 16 | | 1,1-DCA | 75-34-3 | <u> </u> | | ug/Kg | | V |
| 45693 | BH40373AE | 9 | | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | V |
| 45893 | BH40381AE | 9 | | 1,1-DCA | 75-34-3 | 5 | | | | V |
| 46193 | BH40387AE | 8 | 8FT | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | U | ν |
| 46593 | BH40704AE | 6 | 7 FT | 1,1-DCA | 75-34-3 | 5 | 6 | ug/Kg | U | V |
| 46593 | BH40712AE | 10 | | 1,1-DCA | 75-34-3 | 5 | | | | V |
| 46693 | BH40719AE | 6 | | 1,1-DCA | 75-34-3 | 5 | | | | IJ |
| 46693 | BH40727AE | 14 | | 1,1-DCA | 75-34-3 | 5 | | | | v - |
| 46793 | BH40733AE | 6 | | 1,1-DCA | 75-34-3 | 5 | | | | V |
| 46793 | BH40741AE | | | | | | | | | |
| | | 8 | | 1,1-DCA | 75-34-3 | 5 | | | | V |
| 46893 | BH40747AE | 6 | | 1,1-DCA | 75-34-3 | 5 | | | | IV. |
| 46893 | BH40750AE | 10 | | 1,1-DCA | 75-34-3 | 5 | · | | | V |
| 46893 | BH40755AE | 12 | 12 FT | 1,1-DCA | 75-34-3 | j 5 | 6 | ug/Kg | U · | ٧ |
| 46993 | BH40769AE | 7. | 7 FT | 1,1-DCA | 75-34-3 | 5 | 6 | ug/Kg | U | V |
| P208989 | SEP1789BR0810 | 9 | 11 FT | 1,1-DCA | 75-34-3 | 6 | 6 | ug/Kg | U | V |
| P208989 | SEP1789BR1214 | 13 | 15 FT | 1,1-DCA | 75-34-3 | 6 | | | U | V |
| P208989 | SEP1789BR1618 | 17 | | 1,1-DCA | 75-34-3 | 6 | | | | v |
| P209189 | SEP1989BR0810 | 8 | | 1,1-DCA | 75-34-3 | 5 | | | | V |
| P209189 | SEP1989BR1214 | 12 | ···· | 1,1-DCA | 75-34-3 | 6 | | | | v |
| P209189 | | L | | | | | | | | |
| | SEP1989BR1618 | 16 | | 1,1-DCA | 75-34-3 | 6 | | | | V |
| P209189 | SEP1989BR2021 | 20 | | 1,1-DCA | 75-34-3 | 6 | | | | V |
| P209189 | SEP1989BR2223 | 22 | | 1,1-DCA | 75-34-3 | 6 | | | | V |
| P209489 | SEP2289BR0810 | 8 | | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | V |
| P209489 | SEP2289BR1618 | 16 | | 1,1-DCA | 75-34-3 | 6 | 6 | ug/Kg | | V |
| P209489 | SEP2289BR2022 | 20 | 22 FT | 1,1-DCA | 75-34-3 | 6 | 6 | ug/Kg | υ | V |
| P209889 | SEP2689BR0810 | 8 | 10 FT | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | V |
| P209889 | SEP2689BR1214 | 12 | | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | V |
| P210189 | SEP3089BR0810 | 9 | | 1,1-DCA | 75-34-3 | 690 | | ug/Kg | | V |
| P210189 | SEP3089BR1214 | 13 | | 1,1-DCA | 75-34-3 | 610 | | ug/Kg | | V |
| P210189 | SEP3089BR1618 | 17 | | 1,1-DCA | 75-34-3 | 690 | Box Assessment Control | ua/Ka | | V |
| P210189 | ISEP3089BR2022 | | | | 75-34-3 | | | | | |
| | · | 21, | | 1,1-DCA | <u> </u> | 690 | ****************** | ug/Kg | | V |
| P210189 | SEP3089BR2426 | 25 | | 1,1-DCA | 75-34-3 | 740 | | ug/Kg | | V |
| P210289 | SEP3189BR0810 | 8 | | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | V |
| P210289 | SEP3189BR1214 | 12 | | 1,1-DCA | 75-34-3 | 6 | | ug/Kg | | V |
| P210289 | SEP3189BR1618 | 16 | | 1,1-DCA | 75-34-3 | 6 | 6 | ug/Kg | U | ٧ |
| 05093 | BH00065AE | 10 | 10 FT | 1,1-DCE | 75-35-4 | 6 | 6 | ug/Kg | | V |
| Q5093 | BH00065AE | 10 | 10 FT | 1,1-DCE | 75-35-4 | 6 | 6 | ug/Kg | U | V |
| 05193 | BH00068AE | 6 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | V |
| 05193 | BH00068AE | 6 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | v |
| 05193 | BH00070AE | 10 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | V |
| 05193 | BH00070AE | 10 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg ug/Kg | | V |
| 05193 | BH00070AE | 14 | | | 175-35-4 | | | | | |
| | | | | 1,1-DCE | | 6 | | ug/Kg | | V |
| 05193 | BH00085AE | 14 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | V |
| 05393 | BH00078AE | 6 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | V |
| 05393 | BH00078AE | 6 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | V |
| 05393 | BH00080AE | 8 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | V |
| 05393 | BH00080AE | 8 | 9FT | 1,1-DCE | 75-35-4 | 6 | 6 | ug/Kg | U | V |
| 40093 | BH40171AE | 10 | 10 FT | 1,1-DCE | 75-35-4 | 30 | | ug/Kg | | V |
| 40093 | BH40171AE | 10 | | 1,1-DCE | 75-35-4 | 30 | | ug/Kg | | V |
| 40293 | BH40120AE | 6 | | 1,1-DCE | 75-35-4 | 6 | | ug/Kg | | v |
| |) | | | · · · · · · · · · | | | <u></u> | -59 | | - |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics lyte IAR 2 4.3 DEPTH DEPTH LOCATION UNIT DETECTION VALIDATION RESULT SAMPLE NUMBER START END CODE CODE CAS NO LIMIT Analyte RESULT UNITS QUALIFIER QUALIFIER 40293 BH40120AE 1.1-DCE 75-35-4 6 FT 6 ug/Kg U 40293 BH40120AE 6 FT 11 1-DCF 75-35-4 6 6 6 ug/Kg |U 11/ BH40120AE 40293 1.1-DCF 6 6 FT 75-35-4 6 6 ug/Kg U TV 40393 BH40125AF 6 6 FT 1.1-DCF 75-35-4 6 6 ug/Kg |U īv 40393 BH40125AE 61 6 FT 1.1-DCE 175-35-4 6 ug/Kg | U V 40393 RH401254F Ä 6 FT 1.1-DCE 75-35-4 6 ug/Kg | U ĪV 40393 BH40125AF 6 6 FT 1,1-DCE 75-35-4 6 ug/Kg U V 40793 BH40161AF 10 10 FT 1,1-DCE 75-35-4 6 6 ug/Kg |U ĪV 40793 BH40161AF 10 10 FT 1,1-DCE 75-35-4 6 ug/Kg |U 6 ĪV 40893 BH40029AE 1.1-DCE 75-35-4 5 IV 6 ug/Kg U 40893 BH40029AE 7!FT 1,1-DCE 75-35-4 5 6 ug/Kg U IV 40993 BH40205AE 9 10 FT 1.1-DCE 75-35-4 R 6 ug/Kg U 177 40993 BH40205AE 10 FT 1.1-DCF 75-35-4 6 6 ug/Kg U 40993 BH40208AE 31 31|FT 1.1-DCE 175-35-4 6 6 ug/Kg |U v 40993 BH40208AE 31 31 FT 1 1-DCF 75-35-4 6 6 ug/Kg |U 41193 BH40051AE 6 6 FT 1.1-DCE 175-35-4 5 5 ug/Kg | U 41193 BH400514F 6 6 FT 1.1-DCE 75-35-4 5 ug/Kg U 7 ug/Kg U 5 īV BH40053AF 41193 10 10 FT 1,1-DCE 75-35-4 7 IV 41193 BH40053AF 10 10 FT 1,1-DCE 75-35-4 7 ug/Kg U īV 1,1-DCE 41293 BH40198AF 6 6 FT 75-35-4 6 6 ug/Kg U Ĭν 41293 BH40198AE 1.1-DCE 6 F 75-35-4 6 6 ug/Kg U IV 41593 BH40216AE 7 1,1-DCE 75-35-4 6 6 ug/Kg |U īV 41593 BH40216AE 8 F 1,1-DCE 75-35-4 6 ug/Kg U 7 ug/Kg U 6 īV 41693 BH40219AE 6 FT 1,1-DCE 75-35-4 7 īV 41693 BH40219AE 6 6 FT 1.1-DCE 7 ug/Kg U 75-35-4 7 īV 41693 BH40221AE 10 10 FT 1 1-DCF 6 ug/Kg | U 75-35-4 6 41693 BH40221AE 10 10 FT 1.1-DCF 175-35-4 6 6 ug/Kg | U īν 41693 BH40223AE 17 17 FT 1.1-DCE 75-35-4 6 ug/Kg | U 41693 BH40223AF 17 17 FT 1.1-DCE 75-35-4 6 ug/Kg | U īv 41993 BH40066AF 10 10 FT 1,1-DCE 75-35-4 6 6 ug/Kg U V 41993 BH40066AF 10 10 FT 1,1-DCE 75-35-4 6 6 ug/Kg U IV 42093 BH40104AF 6 6 F 1.1-DCE 75-35-4 6 6 ug/Kg | U īV 1,1-DCE 42093 BH40104AF 6 F1 6 75-35-4 6 6 ug/Kg | U IV 42193 BH40437AE 6 6 F 1,1-DCE 75-35-4 5 5 ug/Kg | U IV 42193 BH40437AE ã 6 FT 1,1-DCE 75-35-4 5 5 ug/Kg |U IV 42193 BH40090AE 10 10 FT 1.1-DCE 75-35-4 6 6 ug/Kg |U īv 42193 BH40090AE 10 10 FT 1.1-DCE 75-35-4 6 6 ug/Kg |U İν 42293 BH40255AE 8 FT 11 1-DCF 75-35-4 5 5 ug/Kg !U IJ 42293 BH40255AE 11.1-DCF 8 FT 75-35-4 5 ug/Kg U IJ 42293 BH40257AE 11 11 FT 1,1-DCE 75-35-4 6 6 ug/Kg |U IJ 42293 BH40257AF 6 ug/Kg U 5 ug/Kg U 11 11 FT 1.1-DCE 75-35-4 6 IJ 42393 . BH40263AF 6 6 FT 1,1-DCE 75-35-4 5 īv 42393 BH40263AE ã 6 F 11,1-DCE 75-35-4 5 5 ug/Kg U īV 42393 BH40265AE 10 10|FT 1.1-DCE 75-35-4 6 6 ug/Kg |U W 42393 BH40265AE 10 10 FT 1,1-DCE 75-35-4 6 6 ug/Kg | U īv 42493 BH40289AF 10 10 FT 1.1-DCE 175-35-4 6 6 ug/Kg U iv 42493 BH40289AE 10 10 FT 1,1-DCE 75-35-4 6 6 ug/Kg U ĪV 42593 BH40294AE 10 10.FT 1.1-DCE 75-35-4 6 6 ug/Kg U 42593 BH40294AE 10 1 1-DCF 10 FT 75-35-4 6 6 ug/Kg U īv 42993 BH40142AE 1.1-DCE 9 10 FT 175-35-4 7 ug/Kg U 42993 BH40142AF 1,1-DCE Q 10 FT 75-35-4 7|ug/Kg |U ÎV 42993 BH40147AF 75-35-4 14 14 F 11.1-DCE 6 6 ug/Kg U īV 42993 BH40147AE 14 14 FT 1,1-DCE 75-35-4 6 ug/Kg | U īv 43193 BH403084F 6 6 FT 1,1-DCE 75-35-4 5 ĪV 5 ug/Kg U 43193 BH40308AE 6 6 FT 1,1-DCE 75-35-4 5 5 ug/Kg U W 43393 BH40331AE 9 F 1,1-DCE 75-35-4 6 6 ug/Kg U W 43393 BH40331AE 9 9:F1 1,1-DCE 75-35-4 6 6 ug/Kg U Ī٧ 43493 BH40323AE 10 10 FT 1.1-DCE 75-35-4 6 6 ug/Kg U į۷ 43493 BH40323AE 10 10 FT 1.1-DCE 75-35-4 6 6 ug/Kg U 43693 BH40342AE 6 6 FT 1,1-DCE 75-35-4 5 5 ug/Kg U 43693 BH40342AE 1.1-DCF 6 6 FT 75-35-4 5 ug/Kg U 43693 BH40344AE 9 10 FT 1.1-DCE 75-35-4 5 ug/Kg U 43693 BH40344AE 9 10 FT 1.1-DCE 75-35-4 5 ug/Kg | U !V BH40347AE 43693 13 13 FT 1,1-DCE 175-35-4 6 6 ug/Kg U īV 43693 BH403474F 1,1-DCE 13 13|FT 75-35-4 6 6 ug/Kg U iv 1,1-DCE 43793 BH403364F 9 9 FT 75-35-4 5 5 ug/Kg U ī 43793 BH40336AF 9 9 F 1.1-DCE 75-35-4 5 5 ug/Kg U IV 43793 BH40339AF 14 1,1-DCE 14 FT 75-35-4 6 6 ug/Kg U IV 43793 BH40339AE 14 14 F 1,1-DCE 75-35-4 6 6 ug/Kg | U iV 43893 BH40072AF 6 6 FT 1,1-DCE 75-35-4 6 6 ug/Kg | U īV 43893 BH40072AE 6 FT 1,1-DCE 6 175-35-4 6 6 ug/Kg | U IV 43893 BH40076AE 9 9 FT 1.1-DCE 75-35-4 R 6 ug/Kg U 43893 BH40076AE 9 1.1-DCE 9 FT 6 ug/Kg U 175-35-4 6 43893 BH40074AE 12 13 FT 1 1-DCF 75-35-4 5 5 ug/Kg |U 43893 BH40074AE 1,1-DCE 12 13 FT 75-35-4 5 ug/Kg U īv

521

.

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics W. 3. 100 300 k 200 2 DEPTH UNIT RESULT VALIDATION LOCATION DEPTH DETECTION CODE SAMPLE NUMBER CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER START END CODE Analyte 1,1-DCE 75-35-31(ug/Kg (U 43893 BH40077AF 15 15 FT 75-35-4 31 31 ug/Kg |U 11.1-DCE 43893 BH40077AE 15 15|FT 7 ug/Kg U 1.1-DCE 75-35-4 IV 43993 BH40360AE 16 17 FT īV 7 ug/Kg JU 75-35-4 7 43993 BH40360AE 16 17 FT 1,1-DCE 1,1-DCE 44093 BH40350AE 6: 6 FT 75-35-4 6 6 ug/Kg | U 10 44093 BH40350AE 6 6 FT 1,1-DCE 75-35-4 6 ug/Kg | U 1,1-DCE 6 ug/Kg U 6 ug/Kg U 44093 BH40352AE 14 15 FT 75-35-4 6 īV 44093 BH40352AE 14 15 FT 1,1-DCE 175-35-4 6 !V 44393 BH40037AE 10 75-35-4 6 6 ug/Kg U 10 F 1.1-DCE 6 ug/Kg |U 44393 BH40037AE 10 10 F 1.1-DCE 75-35-4 10 FT 6 ug/Kg U 44593 BH40004AE 10 1,1-DCE 175-35-4 44593 BH40004AE 10 10 FT 1,1-DCE 75-35-4 6 ug/Kg U 44593 1,1-DCE 75-35-4 6 ug/Kg | U BH40006AE 14 14|FT 6 ug/Kg U 75-35-4 BH40006AE 14 11.1-DCE īV 44593 14|FT 5 75-35-4 1,1-DCE īV 44893 BH40189AF 6 6 ug/Kg U 61 6 FT 44893 BH40189AE 6: 6 FT 1,1-DCE 175-35-4 6 6 ug/Kg | U IV 44893 BH40192AE 7 FI 1.1-DCE 75-35-4 6 6 ug/Kg U 1,1-DCE 44893 BH40192AE 7 7 FT 75-35-4 6 6jug/Kg jU ĪV 44893 BH40195AE 12 12 F1 1,1-DCE 75-35-4 6 6|ug/Kg [U IV 1,1-DCE 44893 BH40195AE 12 12 FT 75-35-4 6 6 ug/Kg |U 44893 BH40194AE 1,1-DCE 75-35-4 16 6 ug/Kg | U 1,1-DCE 44893 BH40194AE 75-35-4 16 6 ug/Kg |U 45693 BH40373AE 9 9 FT 1,1-DCE 75-35-4 6 6 ug/Kg U 45693 BH40373AE 9 9 F 1,1-DCE 75-35-4 6 ug/Kg |U 6 45893 BH40381AE 1,1-DCE 75-35-4 9 10 FT 5 ug/Kg |U 45893 BH40381AE 10 FT 1.1-DCE 175-35-4 5 5 ug/Kg U 9 IV 46193 BH40387AE 8 8 FT 11.1-DCE 75-35-4 6 6 ug/Kg |U IV 46193 BH40387AE 8 8 FT 1.1-DCE 75-35-4 6 6 ug/Kg U 46593 RH40704AF 6 7 FT 1.1-DCE 175-35-4 5 6 ug/Kg U īV 46593 BH40704AE 6 7 F 1.1-DCE 75-35-4 5 6 ug/Kg U īv 46593 BH40712AE 10 10 FT 1,1-DCE 75-35-4 5 6 ug/Kg U īv 46593 BH40712AE 10 10 FT 1,1-DCE 75-35-4 6 ug/Kg U 1,1-DCE 46693 BH40719AE 6 FT 75-35-4 6 ug/Kg U 6 46693 BH40719AE 1,1-DCE 75-35-4 6 ug/Kg U 46693 BH40727AE 14 15|FT 1,1-DCE 75-35-4 6 ug/Kg |U 46693 BH40727AE 14 15 FT 1,1-DCE 75-35-4 6 ug/Kg 1U 1,1-DCE 46793 BH40733AE 6 FT 175-35-4 5 ĪV 6 6 ug/Kg U BH40733AE 46793 6 1.1-DCE 175-35-4 6 FT 5 6 ug/Kg | U ĪV 46793 BH40741AE 175-35-4 5 6 ug/Kg U 8 8 FT 1.1-DCE BH40741AE 1,1-DCE īv 46793 8 SIFT 75-35-4 5 6 ug/Kg U BH40747AE 46893 6 6|FT 1.1-DCE 75-35-4 5 6 ug/Kg |U īv BH40747AF 46893 6 6 FT 1.1-DCE 75-35-4 5 6 ug/Kg U īv 46893 BH40750AE 10 10 FT 1,1-DCE 75-35-4 5 ug/Kg U 1,1-DCE 46893 BH40750AE 10 10 FT 75-35-4 5 5 ug/Kg | U īv 1,1-DCE 46893 BH40755AE 12 12 FT 75-35-4 6 ug/Kg |U 46893 BH40755AE 12 FT 6 ug/Kg |U 12 1,1-DCE 75-35-4 46993 BH40769AE 1,1-DCE 75-35-4 6 ug/Kg !U 7 FT 46993 BH40769AE 7 1,1-DCE 75-35-4 5 6 ug/Kg | U P208989 SEP1789BR0810 1,1-DCE 75-35-4 9 11 FT 6 Īv 6 ug/Kg |U 9 P208989 SEP1789BR0810 11|FT 175-35-4 1.1-DCE 6 6 ug/Kg |U IV P208989 SEP1789BR1214 1 1-DCF 75-35-4 6 ug/Kg U 13 15 FT 6 īV P208989 SEP1789BR1214 13 15 FT 1,1-DCE 175-35-4 6 6 ug/Kg (U IV P208989 SEP1789BR1618 17 19 FT 1,1-DCE 175-35-4 6 6 ug/Kg (U IV P208989 SEP1789BR1618 17 19 FT 1.1-DCE 175-35-4 6 6 ug/Kg U īv 1,1-DCE P209189 SEP1989BR0810 8 10 FT 75-35-4 5 5 ug/Kg U v 1,1-DCE P209189 SEP1989BR0810 8 10 FT 75-35-4 5;ug/Kg |U P209189 SEP1989BR1214 14 FT 1,1-DCE 75-35-4 V 12 6 ug/Kg |U P209189 SEP1989BR1214 1,1-DCE 75-35-4 12 14 FT 6 6 ug/Kg U SEP1989BR1618 P209189 16 18 FT 1,1-DCE 75-35-4 6 6 ug/Kg U īv P209189 SEP1989BR1618 16 18 FT 1,1-DCE 75-35-4 6 6 ug/Kg (U īν P209189 SEP1989BR2021 20 21|FT 1.1-DCE 75-35-4 6 ug/Kg !U 6 IV P209189 SEP1989BR2021 20 6 ug/Kg U 21 FT 1.1-DCE 75-35-4 6 IV SEP1989BR2223 22 P209189 75-35-4 23 FT 11.1-DCE 6 6 ug/Kg (U īv 22 P209189 SEP1989BR2223 23 FT 1.1-DCE 75-35-4 6 6 ug/Kg (U IV P209489 SEP2289BR0810 8 10 FT 1.1-DCE 75-35-4 6 ug/Kg |U 6 P209489 SEP2289BR0810 8 10 FT 1,1-DCE 75-35-4 6 6 ug/Kg U īV P209489 SEP2289BR1618 16 18 FT 1,1-DCE 75-35-4 6 ug/Kg U īV P209489 SEP2289BR1618 16 18 FT 1,1-DCE 75-35-4 6 ug/Kg U 6 īV P209489 SEP2289BR2022 20 22 FT 1,1-DCE 75-35-4 6 ug/Kg U 1,1-DCE P209489 SEP2289BR2022 V 20 22 FT 75-35-4 6 6 ug/Kg (U P209889 SEP2689BR0810 75-35-4 8 10|F] 1,1-DCE 6 ug/Kg |U 6 P209889 SEP2689BR0810 75-35-4 6 ug/Kg U 8 10 FT 1,1-DCE 6 SEP2689BR1214 P209889 12 13 FT 1,1-DCE 75-35-4

P209889

P210189

SEP2689BR1214

SEP3089BR0810

12

13 FT

9 FT

1,1-DCE

1,1-DCE

75-35-4

175-35-4

6

6

690

6;ug/Kg ¡U

6 ug/Kg U

690 ug/Kg |U

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB RESULT 10 200 DETECTION VALIDATION LOCATION DEPTH DEPTH LINIT CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER SAMPLE NUMBER START END CODE CODE Analyte 1,1-DCE 75-35-4 690 690 ug/Kg (U P210189 SEP3089BR0810 1,1-DCE SEP3089BR1214 75-35-4 610 610 ug/Kg U ίV P210189 1,1-DCF SEP3089BR1214 13 14 F 75-35-4 610 610 ug/Kg !U īV P210189 SEP3089BR1618 17 19 FT 1,1-DCE 75-35-4 690 690 ug/Kg | U īv P210189 19 FT 1,1-DCE 75-35-4 690 ug/Kg |U V SEP3089BR1618 17 690 P210189 SEP3089BR2022 1,1-DCE 75-35-4 690 690 ug/Kg |U iV 21 23 FT P210189 23 FT 1,1-DCE 75-35-4 690 690 ug/Kg |U V SEP3089BR2022 P210189 21 75-35-4 740 740 ug/Kg | U SEP3089BR2426 11.1-DCE P210189 25 27 FT 740 ug/Kg | U P210189 ISEP3089BR2426 25 1.1-DCE 75-35-4 740 27 FT 175-35-4 6 ug/Kg |U ĪV SEP3189BR0810 10 FT 1,1-DCE 6 P210289 8 iV 175-35-4 6 6 ug/Kg |U P210289 SEP3189BR0810 8 10 FT 1.1-DCE 75-35-4 6 ug/Kg U 7V P210289 SEP3189BR1214 12 14 FT 1.1-DCE 6 75-35-4 IV P210289 SEP3189BR1214 12 14 FT 1,1-DCE 6 6 ug/Kg | U P210289 SEP3189BR1618 16 18 FT 1,1-DCE 75-35-4 6 6 ug/Kg U IV P210289 SEP3189BR1618 16 18 FT 1,1-DCE 75-35-4 R 6 ug/Kg U iv 16 FT BH40086AE 10 1,2,4-TRICHLOROBENZENE 120-82-1 410 410 ug/Kg |U īV 42193 1,2,4-TRICHLOROBENZENE 120-82-1 410 410 ug/Kg | U V 42193 BH40091AE 16 22 F 1,2,4-TRICHLOROBENZENE 120-82-1 400 400 ug/Kg |U V BH40430AE 22 28 FT 42193 1,2,4-TRICHLOROBENZENE 400 42193 BH40433AE 28 31 FT 120-82-1 400 ug/Kg U īv BH40256AE 6 11 FT 11,2,4-TRICHLOROBENZENE 120-82-1 400 400 ug/Kg U J 42293 1,2,4-TRICHLOROBENZENE 120-82-1 400 400 ug/Kg U V 42293 BH40258AE 11 13 FT 380 ug/Kg | U 10 FT 1.2.4-TRICHLOROBENZENE 120-82-1 380 īv BH40450AF 42593 8 390 1,2,4-TRICHLOROBENZENE 390 ug/Kg | U 10 120-82-1 42593 BH40290AF 17 FT L 1,2,4-TRICHLOROBENZENE 390 390 ug/Kg | U īv 43393 BH40324AF 8 13|FT 120-82-1 1,2,4-TRICHLOROBENZENE 46593 BH40713AE 11 16 FT 120-82-1 330 390 ug/Kg | U IV 1,2,4-TRICHLOROBENZENE īv 46693 BH40728AE 9 15:FT 120-82-1 330 390|ug/Kg |U 15 FT 46793 BH40742AE 8 1.2.4-TRICHLOROBENZENE 120-82-1 330 390 ug/Kg | U IV 1,2,4-TRICHLOROBENZENE 46893 BH40807AE 6 12 FT 120-82-1 330 350 ug/Kg | U IV/ 46993 BH40770AE 7 13 FT 1,2,4-TRICHLOROBENZENE 120-82-1 330 390 ug/Kg | U īv 05093 BH00065AE 10 1,2-DCA 107-06-2 6 6 ug/Kg |U 10 FT īV 1,2-DCA 05103 BH00068AE 6 6 FT 107-06-2 6 6 ug/Kg U V 05193 BH00070AE 10 10 FT 1,2-DCA 107-06-2 6 ug/Kg U 14 FT 6 ug/Kg U 14 1,2-DCA 107-06-2 6 05193 BH00085AE 6FT 11,2-DCA 107-06-2 6 ug/Kg U V BH00078AE 6 05393 6 1.2-DCA 107-06-2 Īv 6 05393 BHOODSOAF В 9 FT 6 ug/Kg |U 1,2-DCA BH40171AF 10 10 FT 107-06-2 30 30 ug/Kg |U īv 40093 40293 1,2-DCA 107-06-2 6 ug/Kg |U V BH40120AE 6 6 FT 6 107-06-2 40293 BH40120AE 6 6 FT 1,2-DCA 6 6 ug/Kg |U í۷ 40393 BH40125AE 6 6 FI 1,2-DCA 107-06-2 6 6 ug/Kg U ĬΫ 40393 BH40125AE 6 6 FT 1,2-DCA 107-06-2 6 6 ug/Kg U V 1,2-DCA 40793 BH40161AE 10 10 FT 107-06-2 6 6 ug/Kg |U V 40893 BH40029AE 7 7 FT 1,2-DCA 107-06-2 5 6 ug/Kg |U īV BH40205AE 9 1,2-DCA 107-06-2 6 ug/Kg U īv 40993 10 FT 6 1,2-DCA 107-06-2 31 6 6 ug/Kg |U īV 40993 BH40208AE 31 FT 107-06-2 IV 41193 BH40051AE 6 FT 1,2-DCA 5 ug/Kg |U 10 10 FT 7 ug/Kg U 41193 BH40053AE 1,2-DCA 107-06-2 6 ug/Kg |U 41293 BH40198AE 6 6 FT 1.2-DCA 107-06-2 6 īV 6 ug/Kg U 41993 BH40216AE 7 8 FT 1.2-DCA 107-06-2 6 V 1.2-DCA 107-06-2 7 ug/Kg |U BH40219AE 41693 6 6 FT 6 V 41693 RH402214F 10 1,2-DCA 1107-06-2 6 ug/Kg |U 10 FT 1,2-DCA 107-06-2 41693 BH40223AE 17 17 FT 6 6 ug/Kg |U IV 41993 BH40066AE 10 10 FT 1.2-DCA 107-06-2 6 6 ug/Kg (U īV 42093 BH40104AE 6 6 FT 1,2-DCA 107-06-2 6 6jug/Kg JU iV 42193 BH40437AE 6 6|FT 1,2-DCA 107-06-2 5 5 ug/Kg |U 10 FT BH40090AE 10 1,2-DCA 107-06-2 6 6 ug/Kg U īv 42193 11,2-DCA BH40255AE 107-06-2 42293 8 F 5 ug/Kg |U 1,2-DCA 11 FT 42293 BH40257AE 11 107-06-2 6 6 ug/Kg |U 107-06-2 V 42393 BH40263AE 6 6|F] 11,2-DCA 5 ug/Kg |U BH40265AE 10 10, FT 1,2-DCA 107-06-2 6 6 ug/Kg U īV 42393 42493 BH40289AE 10 10 FT 1,2-DCA 107-06-2 6 6 ug/Kg U īv 1,2-DCA 107-06-2 īv BH40294AE 10 6 6 ug/Kg U 42593 10 FT 107-06-2 11.2-DCA īV 42993 42993 BH40142AE 9 10 FT 7 ug/Kg U 14 BH40147AF 107-06-2 ĺν 14 FT 1,2-DCA 6 6 ug/Kg |U 107-06-2 5 ug/Kg U īV 43193 BH40308AF 6 6 FT 1,2-DCA 5 9 1107-06-2 43393 BH40331AF 9 F I 1.2-DCA 6 6 ug/Kg | U í۷ 10 43493 BH40323AF 10 FT 1,2-DCA 107-06-2 6 6 ug/Kg U īv 43693 BH40342AE 6 6 FT 1,2-DCA 1107-06-2 **5**i 5 ug/Kg U īV 43693 RHADSAAAF 9 10|FT 1,2-DCA 107-06-2 5 5 ug/Kg U īv 43693 BH40347AE 13 13 FT 1,2-DCA 107-06-2 6 ug/Kg U V 43793 BH40336AE 9 9 FT 1,2-DCA 107-06-2 5 5 ug/Kg U V BH40339AE 14 107-06-2 43793 14 F 1,2-DCA 6 6 ug/Kg U 6 107-06-2 īv 43893 BH40072AE 6 FT 1,2-DCA 6 ug/Kg U

522

43893

43893

43893

BH40076AE

BH40074AE

BH40077AE

9 F

13 FT

15 FT

12

15

1,2-DCA

1,2-DCA

11,2-DCA

107-06-2

1107-06-2

107-06-2

6 ug/Kg U

5 ug/Kg U

31lug/Kg U

31

iv

V

| 362 | Table | e A.10 So | lar Evap | oration | Ponds AOC - Analytical Results for S | ubsurface Soil | s Greater Tha | n 6 Feet - C | Organic | s LAB | a |
|--|---|-------------------|-------------------------------|--------------------------|---|----------------------------------|---------------|----------------------|-------------------------|--|-------------------------|
| LOCATION CODE | SAMPLE NUMBER | DEPTH | DEPTH | | Analyte | CAS NO | DETECTION | DECINT | LIMITO | RESULT | VALIDATION QUALIFIER |
| would be able to the second section. | BH40360AE | 16 | income or both their | Control or control or | 1,2-DCA | 107-06-2 | CHVIII 7 | | ug/Kg | | V |
| | BH40350AE | 6 | 6 | FT | 1,2-DCA | 107-06-2 | € | | ug/Kg | | V |
| | BH40352AE | 14 | | | 1,2-DCA | 107-06-2 | . 6 | ri | ug/Kg | | V |
| ~~~~~~ | BH40037AE BH40004AE | 10 | | | 1,2-DCA | 1107-06-2 | [6 | · | ug/Kg | | V |
| 44593 | BH40006AE | 14 | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 | | ug/Kg ug/Kg | | V |
| 44893 | BH40189AE | 6 | *** | | 1,2-DCA | 107-06-2 | 6 | | ug/Kg | | V |
| | BH40192AE | 7 | | | 1,2-DCA | 107-06-2 | 6 | | ug/Kg | | v |
| | BH40195AE | 12 | | | 1,2-DCA | 107-06-2 | 6 | | ug/Kg | | V |
| | BH40194AE | 16 | | | 1,2-DCA | 107-06-2 | 6 | | ug/Kg | | V |
| | BH40373AE BH40381AE | 9 | | | 1,2-DCA 1,2-DCA | 1107-06-2 |) 6 | | ug/Kg | | V |
| | BH40387AE | 8 | | | 1,2-DCA 1,2-DCA | 107-06-2 107-06-2 | 5 | | ug/Kg ug/Kg | | V V |
| | BH40704AE | 6 | | | 1,2-DCA | 107-06-2 | 5 | | ug/Kg | | V |
| 46593 | BH40712AE | 10 | | | 1,2-DCA | 107-06-2 | 5 | | ug/Kg | | v |
| | BH40719AE | 6 | 6 | FT | 1,2-DCA | 107-06-2 | 5 | | ug/Kg | | J |
| | BH40727AE | 14 | | | 1,2-DCA | 107-06-2 | 5 | | | | V |
| | BH40733AE | 6 | | | 1,2-DCA | 107-06-2 | 5 | | | | V |
| ···· | BH40741AE | 8 | | | 1,2-DCA | 107-06-2 | 5 | <u> </u> | | ` | V |
| | BH40747AE BH40750AE | 6 10 | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 5 | | ug/Kg | | V |
| | BH40755AE | 12 | | | 1,2-DCA | 107-06-2 | 5 | | | | V V |
| | BH40769AE | 7, | | | 1,2-DCA | 107-06-2 | 5 | <u></u> | | | V |
| P208989 | SEP1789BR0810 | 9 | 11 | FT | 1,2-DCA | 107-06-2 | 6 | <u> </u> | ug/Kg | <u> </u> | v |
| | SEP1789BR1214 | 13 | 15 | FT | 1,2-DCA | 107-06-2 | 6 | | | | V |
| | SEP1789BR1618 | 17 | 19 | | 1,2-DCA | 107-06-2 | 6 | | ug/Kg | U | V |
| ·i | SEP1989BR0810 | 8 | 10 | | 1,2-DCA | 107-06-2 | 5 | | | I | V |
| | SEP1989BR1214 SEP1989BR1618 | 12 16 | 14 18 | | 1,2-DCA 1,2-DCA | 1107-06-2 | 6 | | | <u> </u> | V |
| | SEP1989BR2021 | 20 | 21 | | 1,2-DCA 1,2-DCA | 107-06-2 | 6 | | | <u> </u> | V |
| | SEP1989BR2223 | 22 | 23 | | 1,2-DCA | 107-06-2 | 6 | | | U | V |
| | SEP2289BR0810 | 8 | 10 | <u>.</u> | 1,2-DCA | 107-06-2 | 6 | | | | v |
| | SEP2289BR1618 | 16 | 18 | FT | 1,2-DCA | 107-06-2 | 6 | | | | v |
| | SEP2289BR2022 | 20 | 22 | FT ! | 1,2-DCA | 107-06-2 | 6 | | | | V |
| | SEP2689BR0810 | 8 | 10 | | 1,2-DCA | 107-06-2 | 6 | 6 | ug/Kg | U | V |
| | SEP2689BR1214 | 12 | 13 | | 1,2-DCA | 107-06-2 | 6 | | | | V |
| | SEP3089BR0810 SEP3089BR1214 | 13 | 14 | | 1,2-DCA 1,2-DCA | 107-06-2 | 690 | | | | V |
| | SEP3089BR1618 | 17 | 19 | | 1,2-DCA 1,2-DCA | 107-06-2 | 610 690 | | | · | V |
| | SEP3089BR2022 | 21 | 23 | | 1,2-DCA | 107-06-2 | 690 | | | | v v |
| P210189 | SEP3089BR2426 | 25 | 27 | | 1,2-DCA | 107-06-2 | 740 | | | ······································ | v |
| | SEP3189BR0810 | 8 | 10 | | 1,2-DCA | 107-06-2 | 6 | | | | v |
| | SEP3189BR1214 | 12 | 14 | | 1,2-DCA | 107-06-2 | 6 | 6 | ug/Kg | U | v |
| | SEP3189BR1618 | 16 | 18 | | 1,2-DCA | 107-06-2 | 6 | ~ ~~~~~~~ | | | V |
| | BH40086AE BH40091AE | 10; 16 | 16 | | 1,2-DCB | 95-50-1 | 410 | | | | V |
| | BH40430AE | 22 | 28 | | 1,2-DCB 1,2-DCB | 95-50-1 | 410 400 | | | | V |
| | BH40433AE | 28 | 31 | | 1,2-DCB | 95-50-1 | 400 | | | | V V |
| | BH40256AE | 6 | 11 | | 1,2-DCB | 95-50-1 | 400 | | | | J |
| | BH40258AE | 11 | 13 | FT | 1,2-DCB | 95-50-1 | 400 | | | | v - |
| | BH40450AE | 8 | 10 | | 1,2-DCB | 95-50-1 | 380 | | ug/Kg | | v |
| | BH40290AE | 10 | 17 | | 1,2-DCB | 95-50-1 | 390 | | | U | J |
| | BH40324AE | 8 | 13 | | 1,2-DCB | 95-50-1 | 390 | | | | V |
| | BH40713AE BH40728AE | 11 | 16 15 | | 1,2-DCB 1,2-DCB | 95-50-1 | 330 | | | | V |
| | BH40742AE | 8: | 15 | | 1,2-DCB | 95-50-1 | 330 330 | | | | V |
| | BH40807AE | 6 | 12 | | 1,2-DCB | 195-50-1 | 330 | | ug/Kg ug/Kg | | V V |
| 16993 | BH40770AE | 7, | 13 | | 1,2-DCB | 95-50-1 | 330 | | | | V |
| | BH00065AE | 10 | 10 | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | | <u> </u> |
| | BH00068AE | 6 | 6 | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | 6 1 | ug/Kg | U | V |
| | BH00070AE | 10 | 10 | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | | V |
| | BH00085AE BH00078AE | 14 | 14 | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | | V |
| | BH00078AE | 81 | 6 | | 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 | | ug/Kg | | V |
| | BH40171AE | 10! | 10 | | 1,2-DICHLOROETHENE | 540-59-0 | 6 30 | | ug/Kg ug/Kg | U j | V |
| | BH40120AE | 6 | 6 | | ,2-DICHLOROETHENE | 1540-59-0 | 6 | | ug/Kg | | |
| ·0293 | BH40120AE | 6 | 6 | | ,2-DICHLOROETHENE | 540-59-0 | 6 | | ug/Kg | | |
| 10293 | | | - | -T | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | ug/Kg | | |
| 10293 1 10393 1 | BH40125AE | 6 | | | | | | | | | |
| 10293 1 10393 1 10393 1 | BH40125AE BH40125AE | 6 | 6 1 | -T | ,2-DICHLOROETHENE | 540-59-0 | 6 | 6 1 | ıg/Kg | | |
| 10293 1 10393 1 10393 1 10793 1 | BH40125AE BH40125AE BH40161AE | 6i 10 | 6 1 10 1 | न । न । | ,2-DICHLOROETHENE | 540-59-0 | 6 | 6 (| ıg/Kg | Ü | / |
| 10293 1 10393 1 10393 1 10793 1 10693 1 | BH40125AE BH40125AE BH40161AE BH40029AE | 6 10 7 | 6 1 10 1 7 | न । न । न । | ,2-DICHLOROETHENE ,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 5 | 6 t | ıg/Kg ıg/Kg | U ! | / |
| 10293 1 10393 1 10393 1 10793 1 10893 1 | BH40125AE BH40125AE BH40161AE BH40029AE BH40205AE | 6 10 7 9 | 6 1 10 1 7 1 10 1 | न । न । न । | ,2-DICHLOROETHENE ,2-DICHLOROETHENE ,2-DICHLOROETHENE | 540-59-0 540-59-0 540-59-0 | 6 5 6 | 6 t 6 t | ıg/Kg ıg/Kg ıg/Kg | U ! | / / |
| 10293 1 10393 1 10393 1 10793 1 10693 1 10993 1 | BH40125AE BH40125AE BH40161AE BH40029AE | 6 10 7 | 6 1 10 1 7 | न । न । न । न । | ,2-DICHLOROETHENE ,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 5 | 6 t 6 t 6 t | ıg/Kg ıg/Kg | U 1 | / / / |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics Analyte LAB LOCATION UNIT VALIDATION DEPTH DEPTH DETECTION RESULT CAS NO SAMPLE NUMBER END CODE LIMIT RESULT UNITS QUALIFIER QUALIFIER CODE START 1,2-DICHLOROETHENE 41293 BH40198AF 6 FT 540-59-0 6 6 ug/Kg U 41593 BH402164E 8 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg |U ē 41693 BH40219AE 6 6F 1,2-DICHLOROETHENE 7 ug/Kg |U 540-59-0 41693 BH40221AE 1.2-DICHLOROETHENE 10 10 F 540-59-0 6 6 ug/Kg (U 41693 BH40223AE 17 17 FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg IU IV 41993 BH40066AF 10 10|FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg (U īv BH40104AE 6 42093 6 FT 1.2-DICHLOROETHENE 540-59-0 6 ug/Kg U 6 IV 42193 BH40437AF 1 2-DICHLOROETHENE 6 FT 6 1540-59-0 5 5 ug/Kg U ·V 42193 BH40090AE 10 10 FT 1 2-DICHLOROFTHENE 1540-59-0 6 6 ug/Kg U īV 42293 BH40255AF 7 8 FT 1.2-DICHLOROFTHENE 1540-59-0 5 5 ug/Kg |U IJ 42293 BH40257AF 11 11|FT 1.2-DICHLOROETHENE 540-59-0 6 ug/Kg | U 42393 BH40263AF 6 6 FT 1.2-DICHLOROETHENE 1540-59-0 5 5 ug/Kg |U IV 42393 BH40265AE 10 10 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg U IV 42493 BH40289AE 10 10 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg U IV 42593 BH40294AE 10 1,2-DICHLOROETHENE 540-59-0 10 F 6 ug/Kg U IV 42993 BH40142AE 9 10 FT 1.2-DICHLOROETHENE 540-59-0 7 ug/Kg |U ĩν 42993 BH40147AE 14 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg U V 43193 BH40308AF 6 6 FT 1,2-DICHLOROETHENE 540-59-0 5 ug/Kg U 5 43393 BH40331AE 1.2-DICHLOROETHENE 9 FT 9 540-59-0 6 6 ug/Kg U īV BH40323AE 10 43493 10 FT 1.2-DICHLOROETHENE 1540-59-0 6 6 ug/Kg | U IV 43693 1,2-DICHLOROETHENE BH40342AF ัล 6 FT 540-59-0 5|ug/Kg |U IV ã 43693 BH40344AF 10 FT 1.2-DICHLOROETHENE 540-59-0 5|ug/Kg |U 540-59-0 43693 BH40347AE 13 13 FT 1.2-DICHLOROETHENE 6 6 ug/Kg |U īV 43793 BH40336AF ā 9 FT 1,2-DICHLOROETHENE 540-59-0 5 ug/Kg | U 43793 BH403394F 14 14 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg |U 43893 BH40072AE 6 6F 1.2-DICHLOROETHENE 540-59-0 6 6 ug/Kg |U 43893 BH40076AE 9 9 F T 1,2-DICHLOROETHENE 540-59-0 īv 6 6 ug/Kg | U 43893 BH40074AE 12 13 F 1,2-DICHLOROETHENE 540-59-0 5 ug/Kg U V BH40077AE 43893 15 15 FT 1,2-DICHLOROETHENE 540-59-0 31 31 ug/Kg U 43993 BH40360AE 1,2-DICHLOROETHENE 16 17 FT 1540-59-0 7 7 ug/Kg U IV 44093 BH40350AE 6 FT 6 1.2-DICHLOROETHENE 540-59-0 6 6 ug/Kg U V 44093 BH40352AE 14 15 FT 1.2-DICHLOROFTHENE 540-59-0 6 6 ug/Kg U īv 44393 BH40037AE 10 1.2-DICHLOROETHENE 10 FT 540-59-0 6 6 ug/Kg (U 44593 BH40004AF 10 10 FT 1.2-DICHLOROETHENE 540-59-0 6 ug/Kg U 5 44593 BH40006AE 14 14|FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg |U 6FT 44893 BH40189AF 6 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg |U IV 44893 BH40192AE 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg 1U īV 44893 BH40195AE 1,2-DICHLOROETHENE 12 12 FT 540-59-0 6 6 ug/Kg [U īV 44893 BH40194AE 16 16 FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg U V 45693 BH40373AF 9FT 1.2-DICHLOROETHENE 9 540-59-0 R 6 ug/Kg U IV 45893 BH40381AE 9 10 F I 1.2-DICHLOROFTHENE 5 ug/Kg |U 540-59-0 5 IV 46193 BH40387AF 1.2-DICHLOROETHENE 8 8 FT 540-59-0 6 ug/Kg |U IV 46593 BH40704AF 6 7 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg (U IV 46593 BH40712AF 10 10 FT 1.2-DICHLOROETHENE 540-59-0 6 ug/Kg |U 46693 RH407194F 6 6 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg U IJ 46693 BH40727AE 14 15 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg |U IV 46793 BH40733AF 6 6FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg |U IV 46793 BH40741AE 8|F7 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg U iV 46893 BH40747AF 6 FT 1,2-DICHLOROETHENE 540-59-0 6 ug/Kg U IV 46893 BH40750AE 10 10:FT 1,2-DICHLOROETHENE 540-59-0 5 5|ug/Kg |U IV 46893 BH40755AF 12 12 FT 1,2-DICHLOROETHENE 540-59-0 5 6 ug/Kg U ĨV 46993 BH40769AE 7 7|FT 1.2-DICHLOROETHENE 540-59-0 5 6 ug/Kg U V P208989 SEP1789BR0810 9 1 2-DICHLOROFTHENE 11/FT 540-59-0 6 6 ug/Kg U P208989 SEP1789BR1214 13 15 FT 1.2-DICHLOROETHENE 540-59-0 6 6 ug/Kg |U P208989 ISEP1789BR1618 17 10 FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg | U P209189 SEP1989BR0810 8 10 FT 1,2-DICHLOROETHENE 540-59-0 5 ug/Kg |U İV P209189 SEP1989BR1214 12 1,2-DICHLOROETHENE 14 FT 540-59-0 6 6 ug/Kg |U 1 P209189 SEP1989BR1618 1,2-DICHLOROETHENE 16 18 FT 540-59-0 6 ug/Kg U 6 ĪV P209189 SEP1989BR2021 20 1,2-DICHLOROETHENE 540-59-0 61 6 ug/Kg | U V SEP1989BR2223 P209189 22 23 FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg U īV P209489 SEP2289BR0810 8 10 FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg U īV P209489 SEP2289BR1618 16 18 FT 11.2-DICHLOROETHENE 1540-59-0 6 6 ug/Kg U īv P209489 SEP2289BR2022 1 2-DICHLOROFTHENE 20 22 FT 540-59-0 B 6 ug/Kg U īv P209889 SEP2689BR0810 11.2-DICHLOROETHENE 8 10 FT 540-59-0 6 6 ug/Kg | U P209889 SEP2689BR1214 1,2-DICHLOROETHENE 12 13 FT 540-59-0 6 ug/Kg U ī P210189 SEP3089BR0810 9 9 FT 1.2-DICHLOROETHENE 540-59-0 690 690 ug/Kg | U P210189 ISEP3089BR1214 13 14 FT 1.2-DICHLOROETHENE 540-59-0 610 610 ug/Kg U P210189 SEP3089BR1618 17 19 FT 1,2-DICHLOROETHENE 540-59-0 690 690 ug/Kg |U V P210189 SEP3089BR2022 21 23 FT 1,2-DICHLOROETHENE 540-59-0 690 690 ug/Kg | U IV P210189 SEP3089BR2426 25 27 FT 1,2-DICHLOROETHENE 540-59-0 740 740 ug/Kg U V P210289 SEP3189BR0810 8 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg U P210289 SEP3189BR1214 12 14 FT 1,2-DICHLOROETHENE 540-59-0 6 6 ug/Kg |U īv P210289 SEP3189BR1618 16 18 FT 1.2-DICHLOROETHENE 540-59-0 6 6 ug/Kg |U īV 05093 BH00065AE 10 10 FT 11.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 1,2-DICHLOROPROPANE 05193 BH00068AE 6 6 FT 78-87-5 6 ug/Kg |U

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB VALIDATION UNIT DEPTH LOCATION DEPTH DETECTION RESULT CODE 05193 SAMPLE NUMBER START END CODE Analyte CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER BH00070AF 10 10 FT 1,2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 05193 BH00085AF 14 14 FT 1,2-DICHLOROPROPANE 78-87-5 6 ug/Kg |U 05393 BH00078AE 6 FT 1,2-DICHLOROPROPANE 6 78-87-5 6 īV 6 ug/Kg |U 1,2-DICHLOROPROPANE 05393 BH00080AE 8 9 F 78-87-5 6 6 ug/Kg (U īV 40093 BH40171AE 10 10 FT 1,2-DICHLOROPROPANE 78-87-5 30 30 ug/Kg |U īV 40293 BH40120AE 6 6 FT 1,2-DICHLOROPROPANE 178-87-5 6 6 ug/Kg |U IV BH40120AE 40293 6 FT 6 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U V 40393 BH40125AE 6 FT 1.2-DICHI OROPROPANE 6 78-87-5 6 6 ug/Kg |U 40393 BH40125AE 6 6 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg |U īv 40793 BH40161AF 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U V 40893 BH40029AF 7 F1 1,2-DICHLOROPROPANE 78-87-5 5 6 ug/Kg |U ī 40993 RH40205AE q 10 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U ĪV 40993 BH40208AE 31 1,2-DICHLOROPROPANE 31 FT 78-87-5 6 6 ug/Kg U V 41193 BH400514F 6 FT 1,2-DICHLOROPROPANE 6 78-87-5 5 5 ug/Kg |U W 41193 BH40053AE 1,2-DICHLOROPROPANE 10 10 FT 78-87-5 7 7 ug/Kg U V 41293 BH40198AE 6 6 FT 1,2-DICHLOROPROPANE 178-87-5 6 6 ug/Kg U V 41593 BH40216AE 8 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U V BH40219AE 41693 6 6! FT 1 2-DICHLOROPROPANE 78-87-5 7 ug/Kg U 41693 BH40221AE 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U 41693 BH40223AE 17 1.2-DICHLOROPROPANE 17 FT 78-87-5 6 6 ug/Kg U 41993 BH40066AF 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 42093 BH40104AE 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 6 ug/Kg U īV 42193 BH404374F 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 5 5 ug/Kg ¡U IV 42193 BH40090AE 10 10 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U IV 42293 BH40255AE 1,2-DICHLOROPROPANE 7 8 FT 78-87-5 5 ug/Kg |U 42293 BH40257AE 11 11|FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg (U 42393 BH40263AE 6 6 F 1.2-DICHLOROPROPANE 178-87-5 5 5 ug/Kg U 42393 BH40265AE 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U 42493 BH40289AE 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 42593 BH40294AE 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 42993 BH40142AE 9 10 FT 1,2-DICHLOROPROPANE 78-87-5 7 ug/Kg U ĪV 42993 BH40147AE 14 14 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U 43193 BH40308AF 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 5 5 ug/Kg U 43393 BH40331AF a 9 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U W 43493 BH40323AF 10 1,2-DICHLOROPROPANE 10 FT 78-87-5 6 6 ug/Kg |U W 43693 BH40342AE 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 5 5 ug/Kg U 43693 BH40344AE 10 FT 1,2-DICHLOROPROPANE 78-87-5 5 5 ug/Kg |U 43693 BH40347AE 13 13 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U 43793 BH40336AE 1.2-DICHLOROPROPANE 9: 9 FT 178-87-5 5 ug/Kg |U V 43793 BH40339AE 14 14 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U IV 43893 BH40072AF 6 6 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U 43893 BH40076AE 9 9 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U īv 43893 BH400744F 12 13 FT 1,2-DICHLOROPROPANE 78-87-5 5 5 ug/Kg U 43893 BH40077AE 15 1,2-DICHLOROPROPANE 15 FT 78-87-5 31 ug/Kg U 31 īV 43003 BH40360AF 16 17 FT 1,2-DICHLOROPROPANE 178-87-5 7 ug/Kg |U 44093 BH40350AE 6 F 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U 44093 BH40352AF 15 FT 1,2-DICHLOROPROPANE 78-87-5 6 ag/Kg U 44393 BH40037AE 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U 44593 BH40004AE 10 10 FT 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 44593 BH40006AE 1.2-DICHLOROPROPANE 14 14 FT 78-87-5 6 ug/Kg U 5 V 44893 BH40189AE 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U iV 44893 BH40192AE 7 7 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U IV 44893 RH40195AF 12 12 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U íV 44893 BH40194AF 16 16 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U 45693 BH40373AE 9 9 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U īV 45893 BH40381AE 9 1,2-DICHLOROPROPANE 10 FT 78-87-5 5 5 ug/Kg U 46193 BH40387AE 8 8 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U 46593 BH40704AE 6 7 FT 1.2-DICHLOROPROPANE 78-87-5 5 6 ug/Kg U BH40712AE 46593 10 10 FT 1 2-DICHI OROPROPANE 78-87-5 5 6 ug/Kg |U V 46693 BH40719AE 6 1.2-DICHLOROPROPANE 6 FT 78-87-5 5 6 ug/Kg U IJ 46693 BH40727AE 1,2-DICHLOROPROPANE 14 15 FT 78-87-5 6 ug/Kg U ĪV 46793 BH40733AE 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 5 6 ug/Kg U V 46793 BH40741AE 8 8 FT 1,2-DICHLOROPROPANE 78-87-5 5 6 ug/Kg |U V 46893 BH40747AF 6 6 FT 1,2-DICHLOROPROPANE 78-87-5 5 6 ug/Kg U ĪŸ 46893 BH40750AF 10 10 FT 1,2-DICHLOROPROPANE 78-87-5 5 5 ug/Kg U īV 46893 BH40755AF 12 12 FT 1,2-DICHLOROPROPANE 78-87-5 5 6 ug/Kg | U īV 46993 BH40769AF 1,2-DICHLOROPROPANE 7 FT 5 78-87-5 6 ug/Kg U īV P208989 SEP1789BR0810 11|FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U IV P208989 SEP1789BR1214 13 15 FT 1.2-DICHLOROPROPANE 78_87-5 6 6 ug/Kg | U P208989 SEP1789BR1618 17 19 FT 1.2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U IV SEP1989BR0810 P209189 8 10 FT 1.2-DICHLOROPROPANE 78-87-5 5 ug/Kg U V P209189 SEP1989BR1214 12 1,2-DICHLOROPROPANE 14 FT 78-87-5 6 6 ug/Kg | U IV P209189 SEP1989BR1618 16 18 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U IV P209189 SEP1989BR2021 20 21 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg U īV P209189 SEP1989BR2223 22 23 FT 1,2-DICHLOROPROPANE 78-87-5 6 6 ug/Kg |U V



Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB LOCATION DEPTH DERTH UNIT DETECTION VALIDATION RESULT CODE SAMPLE NUMBER END CODE CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER START 1,2-DICHLOROPROPANE SEP22898R0810 78-87-5 6 ug/Kg | U P209489 SEP2289BR1618 16 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U 1,2-DICHLOROPROPANE P209489 SEP2289BR2022 20 22 F 78-87-5 6 6 ug/Kg {U P209889 SEP2689BR0810 10 FT 1.2-DICHLOROPROPANE 78-87-5 8 6 6 ug/Kg |U IV P209889 SEP2689BR1214 13'FT 1 2-DICHLOROPROPANE 78-87-5 12 17 6 6 ug/Kg | U 1.2-DICHLOROPROPANE 690 ug/Kg | U 610 ug/Kg | U P210189 SEP3089BR0810 9 9 FT 178-87-5 690 iV SEP3089BR1214 1.2-DICHLOROPROPANE 78-87-5 P210189 13 14 FT 610 11 1.2-DICHLOROPROPANE SEP3089BR1618 P210189 17 19 FT 178-87-5 690 690 ug/Kg U īV P210189 SEP3089BR2022 21 23 FT 1,2-DICHLOROPROPANE 78-87-5 690 690 ug/Kg |U IV P210189 SEP3089BR2426 25 27 FT 1,2-DICHLOROPROPANE 78-87-5 740 740 ug/Kg U ī P210289 SEP3189BR0810 1,2-DICHLOROPROPANE 78-87-5 8 10 F 6 ug/Kg U SEP3189BR1214 14 F7 1.2-DICHLOROPROPANE 78-87-5 6 ug/Kg U P210289 12 SEP3189BR1618 1,2-DICHLOROPROPANE P210289 16 18 F 78-87-5 6 ug/Kg U 410 ug/Kg U 42193 BH40086AE 16 FT 1,3-DICHLOROBENZENE 541-73-1 V 10 410 BH40091AE 11,3-DICHLOROBENZENE 42193 16 22 F 541-73-1 410 ug/Kg | U 410 īV BH40430AE 42193 22 28|FT 1.3-DICHLOROBENZENE 541-73-1 400 400 ug/Kg U .v 1.3-DICHLOROBENZENE BH40433AF 28 42193 31 FT 541-73-1 400 400 ug/Kg | U IV 400 ug/Kg | U 42293 BH40256AF 6 11 FT 1.3-DICHLOROBENZENE 541-73-1 400 1,3-DICHLOROBENZENE 42293 BH40258AF 11 13 F T 541-73-1 400 400 ug/Kg |U iv 42593 BH40450AF Ř 10 F 1,3-DICHLOROBENZENE 541-73-1 380 380 ug/Kg | U 42593 BH40290AF 10 17 F 1,3-DICHLOROBENZENE 541-73-1 390 ug/Kg U ij 1,3-DICHLOROBENZENE 43393 BH40324AF 13 F 541-73-1 390 390 ug/Kg | U IV 46593 BH40713AE 11 16 F 1,3-DICHLOROBENZENE 541-73-1 330 390 ug/Kg {U iV 46693 BH40728AE 1.3-DICHLOROBENZENE 9 15 F 541-73-1 330 390 ug/Kg U W 46793 BH40742AE 8 1.3-DICHLOROBENZENE 15 FT 541-73-1 330 390 ug/Kg U īv 46893 BH40807AF 6 12 FT 1 3-DICHLOROBENZENE 541-73-1 330 350 ug/Kg | U 11/ BH40770AF 1.3-DICHLOROBENZENE 46993 13 FT 541-73-1 330 390 ug/Kg | U 1.4-DCR 42193 BH40086AF 10 16 F I 106-46-7 410 410 ug/Kg U īV 42193 BH40091AF 16 22 F 1,4-DCB 106-46-7 410 410 ug/Kg | U 42193 BH40430AF 22 28 FT 1,4-DCB 106-46-7 400 400 ug/Kg U īv 42193 BH40433AE 28 1.4-DCB 106-46-7 400 400 ug/Kg U 1,4-DCB 42293 BH40256AF 6 106-46-7 400 400 ug/Kg U IJ 42293 BH40258AE 11 13 F7 1,4-DCB 106-46-7 400 400 ug/Kg U IV 42593 BH40450AF 10 FT 1.4-DCB 106-46-7 8 380 380 ug/Kg | U V 42593 BH40290AE 1.4-DCB 10 17 FT 106-46-7 390 390 ug/Kg | U IJ 43393 BH40324AF Ŕ 13 F 1 4-DCB 106-46-7 390 390 ug/Kg | U 46593 BH40713AF 11 16 FT 1,4-DCB 106-46-7 330 390 ug/Kg | U W 46693 BH40728AF 9 15 F 1,4-DCB 106-46-7 330 390 ug/Kg | U V 46793 BH40742AF 15 F 1,4-DCB 106-46-7 8 330 390 ug/Kg | U 46893 BH40807AF 106-46-7 12 F 1.4-DCB 330 350 ug/Kg | U BH40770AE 106-46-7 46993 13 F7 1.4-DCB 330 390 ug/Kg U īv BH40086AE 2,4,5-TRICHLOROPHENOL 42193 10 16 F 95-95-4 2000 2000 ug/Kg | U Ĩν 2,4,5-TRICHLOROPHENOL 42193 BH40091AE 16 22 F7 95-95-4 2100 2100 ug/Kg | U V 42193 BH40430AE 22 28 FT 2.4.5-TRICHLOROPHENOL 95-95-4 2000 2000 ug/Kg | U īV BH40433AE 28 42193 2.4.5-TRICHLOROPHENOL 195-95-4 31 FT 2000 2000 ug/Kg | U īV 42293 BH40256AF 6 2.4.5-TRICHLOROPHENOI 11 FT 195-95-4 2000 2000 ug/Kg | U IJ 2000 ug/Kg U 42293 BH40258AF 11 13 FT 2,4,5-TRICHLOROPHENOL 195-95-4 2000 42593 BH40450AF 8 10 F 2,4,5-TRICHLOROPHENOL 95-95-4 1900 1900 ug/Kg | U V 42593 BH40290AE 10 17 F 2,4,5-TRICHLOROPHENOL 95-95-4 1900 1900 ug/Kg | U IJ 43393 BH40324AE 2,4,5-TRICHLOROPHENOL 8 95-95-4 2000 īv 2000 ug/Kg U 2,4,5-TRICHLOROPHENOL 46593 BH40713AE 11 16 F 95-95-4 1900 ug/Kg | U 1600 46693 BH40728AF 9 15 FT 2,4,5-TRICHLOROPHENOL V 95-95-4 1600 1900|ug/Kg |U 46793 BH40742AE 2.4.5-TRICHLOROPHENOL 8 15 FT 195-95-4 1600 1900 ug/Kg | U īV 46893 BH40807AE 6 2.4.5-TRICHLOROPHENOL 12 FT 95-95-4 1600 1700 ug/Kg | U 11/ 46993 2.4.5-TRICHLOROPHENOL BH40770AE 7 13 FT 195-95-4 1600 1900 ug/Kg | U IV BH40086AF 42193 10 16 FT 2.4.6-TRICHLOROPHENOL 88-06-2 410 410 ug/Kg U TV 42193 BH40091AF 16 22 FT 2,4,6-TRICHLOROPHENOL 88-06-2 410 410 ug/Kg {U 42193 BH40430AF 22 28 FT 2,4,6-TRICHLOROPHENOL 88-06-2 400 400 ug/Kg U 42193 BH40433AF 28 31|FT 2,4,6-TRICHLOROPHENOL 88-06-2 400 400 ug/Kg (U V 42293 BH40256AE 2,4,6-TRICHLOROPHENOL 88-06-2 400 400 ug/Kg |U IJ 42293 BH40258AE 11 13 FT 2,4,6-TRICHLOROPHENOL 88-06-2 400 400 ug/Kg | U īV 42593 BH40450AF 2,4,6-TRICHLOROPHENOL 8 10 FT 88-06-2 380 380 ug/Kg | U ١V 42593 BH40290AE 10 17 FT 2.4.6-TRICHLOROPHENOL 88-06-2 390 390 ug/Kg | U 1.1 43393 2.4.6-TRICHLOROPHENOL BH40324AE 8 13 FT 88-06-2 390 390 ug/Kg U īv 46593 BH40713AE 11 16 FT 2.4.6-TRICHLOROPHENOL 88-06-2 330 390 ug/Kg U īV BH40728AF 2,4,6-TRICHLOROPHENOL 46693 ã 15 FT 88-06-2 330 390 ug/Kg | U V 46793 BH40742AE 8 15 FT 2,4,6-TRICHLOROPHENOL 88-06-2 330 390 ug/Kg | U 46893 BH40807AE 6 12 FT 2,4,6-TRICHLOROPHENOL 88-06-2 330 350 ug/Kg | U 88-06-2 46993 BH40770AE 13 FT 2,4,6-TRICHLOROPHENOL 330 390 ug/Kg |U 42193 BH40086AE 10 2,4-DICHLOROPHENOL 410 ug/Kg U 120-83-2 410 īV 42193 BH40091AE 16 2,4-DICHLOROPHENOL 120-83-2 410 410 ug/Kg U īV 42193 BH40430AE 22 28 FT 2,4-DICHLOROPHENOL 120-83-2 400 400 ug/Kg | U iV 42193 BH40433AE 2.4-DICHLOROPHENOL 28 31 FT 400 120-83-2 400 ug/Kg |U IV BH40256AE 42293 6 11 FT 12.4-DICHLOROPHENOL 400 120-83-2 400 ug/Kg | U ij BH40258AE 2,4-DICHLOROPHENOL 42293 111 13 FT 120-83-2 400 400 ug/Kg |U ĪV



Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics DEPTH UNIT LAR LOCATION DEPTH RESULT DETECTION VALIDATION CODE SAMPLE NUMBER START CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER 42593 BH40450AF 2,4-DICHLOROPHENOL 10 FT 120-83-2 380 380 ug/Kg | U RH402904F 42593 10 17 FT 2,4-DICHLOROPHENOL 120-83-2 390 390 ug/Kg |U ī.ī 43393 BH40324AF 8 13 FT 2,4-DICHLOROPHENOL 120-83-2 390 390 ug/Kg | U 46593 BH40713AE 11 16 F 2,4-DICHLOROPHENOL 120-83-2 330 390 ug/Kg | U IV 46693 BH40728AE 2,4-DICHLOROPHENOL 9 15 F 120-83-2 330 390 ug/Kg ¡U ĬΫ 46793 BH40742AE 8 15 F 2,4-DICHLOROPHENOL 120-83-2 330 390 ug/Kg | U V 46893 BH40807AE 2,4-DICHLOROPHENOL 12 FT 120-83-2 330 350 ug/Kg |U īv 46993 13 FT BH40770AE 7 2,4-DICHLOROPHENOL 120-83-2 330 390 ug/Kg | U 42193 BH40086AE 10 16 FT 2 4-DIMETHYLPHENOL 105-67-9 410 410 ug/Kg U BH40091AE 42193 16 2.4-DIMETHYLPHENOL 22 FT 1105-67-9 410 410 ug/Kg | U 42193 BH40430AE 22 28 FT 2.4-DIMETHYLPHENOL 105-67-9 400 400 ug/Kg U 42193 BH40433AE 28 31|FT 2 4-DIMETHYL PHENOL 105-67-9 400 400 ug/Kg U 42293 BH40256AE 6 11/FT 2.4-DIMETHYLPHENOL 105-67-9 400 400 ug/Kg |U IJ 42293 BH40258AE 11 13 FT 2 4-DIMETHYLPHENOL 105-67-9 400 400 ug/Kg U ĪV 42593 BH40450AF R 10 FT 2,4-DIMETHYLPHENOL 105-67-9 380 380 ug/Kg |U īV 42593 BH40290AF 10 17 FT 2,4-DIMETHYLPHENOL 105-67-9 390 390 ug/Kg | U 43393 BH40324AF 8 13 FT 2,4-DIMETHYLPHENOL 105-67-9 390 390 ug/Kg | U īv 46593 16 FT BH40713AE 11 2,4-DIMETHYLPHENOL 105-67-9 330 390 ug/Kg U IV 46693 BH40728AF 2,4-DIMETHYLPHENOL 9 15 F 105-67-9 330 390 ug/Kg | U V 46793 BH40742AE 15 FT 2,4-DIMETHYLPHENOL 390 ug/Kg |U 105-67-9 330 46893 BH40807AE 6 12 FT 2.4-DIMETHYLPHENOL 105-67-9 330 350 ug/Kg |U 46993 BH40770AE 7 13 FT 2.4-DIMETHYLPHENOL 105-67-9 330 390 ug/Kg | U īV 42193 BH40086AE 10 16 FT 2.4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg U īV 42193 BH40091AF 16 22 FT 2 4-DINITROPHENOL 51-28-5 2100 2100 ug/Kg | U īV 42193 BH40430AE 2.4-DINITROPHENOL 22 28 FT 51-28-5 2000 ug/Kg U 2000 IV 42193 BH40433AE 28 31|FT 12 4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg | U īV 42293 BH40256AE -6 11 FT 2.4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg |U 1.1 42293 BH40258AE 11 13 FT 2.4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg | U IV 42593 BH40450AF 8 10 FT 2.4-DINITROPHENOI 51-28-5 1900 1900 ug/Kg | U iV 42593 BH40290AF 10 17 FT 2,4-DINITROPHENOL 51-28-5 1900 1900 ug/Kg | U 43393 BH40324AF 8 13 FT 2,4-DINITROPHENOL 51-28-5 2000 2000 ug/Kg | U 46593 BH40713AF 16 F 2,4-DINITROPHENOL 151-28-5 1600 1900 ug/Kg | U iV 46693 BH40728AF 9 15 FT 2,4-DINITROPHENOL 51-28-5 1600 1900 ug/Kg | U 46793 BH40742AE 15 FT 2,4-DINITROPHENOL 51-28-5 1600 1900 ug/Kg | U V 46893 BH40807AE 6 12 FT 2.4-DINITROPHENOL 51-28-5 1600 1700 ug/Kg | U īV 46993 BH40770AE 2 4-DINITROPHENOI 13 FT 51-28-5 1600 1900 ug/Kg | U IV 42193 BH40086AE 10 12 4-DNT 16 FT 121-14-2 410 410 ug/Kg | U IV 42193 BH40091AE 16 22 FT 2 4-DNT 121-14-2 410 410 ug/Kg |U īV 42193 BH40430AE 28 FT 22 2 4-DNT 121-14-2 400 400 ug/Kg U īV 42193 BH40433AE 28 31/FT 2,4-DNT 121-14-2 400 400 ug/Kg U 42293 BH40256AE 6 11 FT 2,4-DNT 121-14-2 400 400 ug/Kg |U L 42293 BH40258AF 111 13 FT 2,4-DNT 121-14-2 400 400 ug/Kg | U 11/ 42593 BH40450AF R 10 FT 2,4-DNT 121-14-2 380 380 ug/Kg | U īV 42593 BH40290AF 10 2,4-DNT 17 FT 121-14-2 390 390 ug/Kg U 43393 BH40324AE 8 13 F 2,4-DNT 121-14-2 390 390 ug/Kg | U IV 46593 BH40713AE 11 2,4-DNT 1121-14-2 330 390 ug/Kg | U 46693 BH40728AE 9 15 F 2,4-DNT 1121-14-2 330 390 ug/Kg | U īV 46793 BH40742AE 8 15 FT 2.4-DNT 330 121-14-2 390 ug/Kg U īV 46893 BH40807AE 6 12 FT 2.4-DNT 121-14-2 350 ug/Kg | U 330 ī 46993 BH40770AE 13 FT 2.4-DNT 121-14-2 330 390 ug/Kg | U IV 42193 BH40086AE 10 16 FT 2.6-DNT 606-20-2 410 410 ug/Kg U IV 42193 BH40091AE 16 22 FT 2.6-DNT 606-20-2 410 410 ug/Kg |U V 42193 BH40430AE 2,6-DNT 22 28 FT 606-20-2 400 400 ug/Kg |U W 42193 BH40433AF 28 31|FT 2,6-DNT 606-20-2 400 400 ug/Kg U īv 42293 BH40256AF 6 11!FT 2,6-DNT 606-20-2 400 400 ug/Kg |U 42293 BH40258AF 11 13 F7 2.6-DN 606-20-2 400 400 ug/Kg . U V 42593 BH40450AE 8 10 F7 2.6-DNT 380 ug/Kg U 606-20-2 380 īV 42593 BH40290AE 10 17/F 2,6-DNT 1606-20-2 390 390 ug/Kg | U IJ 43393 BH40324AF 8 13 FT 2,6-DNT 606-20-2 390 390 ug/Kg U 46593 BH40713AE 11 16 FT 2,6-DNT 606-20-2 330 390 ug/Kg | U ĪV 46693 BH40728AF 9 15 FT 2.6-DNT 606-20-2 330 390 ug/Kg | U ١V 46793 BH40742AE 8 15 FT 2.6-DNT 606-20-2 330 390 ug/Kg |U 46893 BH40807AE 6 12 FT 2.6-DN1 606-20-2 330 350 ug/Kg |U 46993 BH40770AE 7 13 FT 12 6-DNT 606-20-2 330 390 ug/Kg | U īV 40893 BH40029AE 2-BUTANONE 7 7 FT 78-93-3 10 12 ug/Kg |U īV 44593 BH40004AE 10 10 FT 2-BUTANONE 78-93-3 10 11 ug/Kg U īV 44593 BH40006AF 14 14 FT 2-BUTANONE 78-93-3 10 13 ug/Kg |U īv 46693 BH40719AE 6 6 FT 2-BUTANONE 78-93-3 10 11 ug/Kg U IJ 46693 BH407274F 14 15 FT 2-BUTANONE 78-93-3 10 12 ug/Kg U IV 46793 BH40733AF 6 6 FT 2-BUTANONE 78-93-3 10 12 ug/Kg ¦U V 46793 BH40741AF 8 8F 2-BUTANONE 78-93-3 10 12 ug/Kg |U 46893 BH40747AF 6 6 F 2-BUTANONE 78-93-3 10 11 ug/Kg U 46893 BH40750AE 10 10 FT 2-BUTANONE 178-93-3 10 11 ug/Kg 1U 46893 BH40755AE 12 FT 2-BUTANONE 78-93-3 10 12 ug/Kg U 46993 BH40769AE 7 FT 2-BUTANONE 78-93-3 13 ug/Kg U V

527

{

| | 1301 | e A.10 So | lar Evap | oration | Ponds AOC - Analytical Results for | or Subsurface Soil | | 6 Feet - C | rganics | | · |
|--------------------|---------------------------------|-----------------|--------------|------------------|--|----------------------|-------------|--|--------------------|----------------------------|-------------------------|
| LOCATION CODE | SAMPLE NUMBER | DEPTH | DEPTH END | UNIT | Analyte | CÂS NO | DETECTION | RESULT | UNITS | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| P208989 | SEP1789BR0810 | 9 | | | 2-BUTANONE | 78-93-3 | 12 | 12 | ug/Kg | Ū | V |
| P208989 P208989 | SEP1789BR1214 SEP1789BR1618 | 13 | | | 2-BUTANONE | 78-93-3 | 12 | | | | V |
| P200303 | SEP1989BR0810 | 17 | | | 2-BUTANONE 2-BUTANONE | 78-93-3 78-93-3 | 12 | | | | IV IV |
| P209189 | SEP1989BR1214 | 12 | | | 2-BUTANONE | \78-93-3 | 12 | | | 1 - | V |
| P209189 | SEP1989BR1618 | 16 | | | 2-BUTANONE | 78-93-3 | 12 | | | | V |
| P209189 | SEP1989BR2021 | ; 20 | | | 2-BUTANONE | 78-93-3 | 12 | | | | V |
| | SEP1989BR2223 | 22 | | | 2-BUTANONE | 78-93-3 | 12 | | | | V |
| P209489 P209489 | SEP2289BR0810 SEP2289BR1618 | 8 16 | | | 2-BUTANONE 2-BUTANONE | 78-93-3 | 12 | | | | V |
| P209489 | SEP2289BR2022 | 20 | 22 | | 2-BUTANONE | 78-93-3 78-93-3 | 12 | | | | V V |
| P209889 | SEP2689BR0810 | 8 | 10 | | 2-BUTANONE | 78-93-3 | 13 | | | | V |
| P209889 | SEP2689BR1214 | 12 | 13 | FT | 2-BUTANONE | 78-93-3 | 13 | | ug/Kg | | v |
| P210289 | SEP3189BR0810 | 8 | | | 2-BUTANONE | 78-93-3 | 12 | | ug/Kg | | V |
| | SEP3189BR1214 SEP3189BR1618 | 12 | ···· | | 2-BUTANONE | 78-93-3 | 12 | | ug/Kg i | | ٧ |
| | BH40086AE | 16 ₎ | 18 16 | <u>_</u> | 2-BUTANONE 2-CHLORONAPHTHALENE | 78-93-3 91-58-7 | 12 410 | ····· | ug/Kg | | V |
| | BH40091AE | 16 | 22 | | 2-CHLORONAPHTHALENE | 91-58-7 | 410 | | ug/Kg ug/Kg | | V V |
| | BH40430AE | 22 | 28 | | 2-CHLORONAPHTHALENE | 91-58-7 | 400 | | ug/Kg | | V |
| | BH40433AE | 28 | 31 | | 2-CHLORONAPHTHALENE | 91-58-7 | 400 | | | | v |
| | BH40256AE | 6 | 11 | | 2-CHLORONAPHTHALENE | 91-58-7 | 400 | | ug/Kg | | J |
| | BH40258AE | 11 | 13 | | 2-CHLORONAPHTHALENE | 91-58-7 | 400 | | | | ٧ |
| | BH40450AE | . 8 | 10 | | 2-CHLORONAPHTHALENE | 91-58-7 | 380 | | | | V |
| | BH40324AE | 10 8 | 17 13 | | 2-CHLORONAPHTHALENE 2-CHLORONAPHTHALENE | 91-58-7 | 390 | | | | J |
| | BH40713AE | 11 | 16 | | 2-CHLORONAPHTHALENE | 91-58-7 | 390) 330 | | | | V V |
| ~~~~ | BH40728AE | 9 | 15 | | 2-CHLORONAPHTHALENE | 91-58-7 | 330 | | | | <u>v</u> |
| | BH40742AE | 8 | 15 | | 2-CHLORONAPHTHALENE | 91-58-7 | 330 | | | | v |
| | BH40807AE | 6; | 12 | | 2-CHLORONAPHTHALENE | 91-58-7 | 330 | | | | V |
| | BH40770AE ! | 7 | 13 | | 2-CHLORONAPHTHALENE | 91-58-7 | 330 | 390 і | ug/Kg | U | V |
| | BH40086AE BH40091AE | 10 | 16 | | 2-CHLOROPHENOL | 95-57-8 | 410 | | | | V |
| | BH40430AE | 16 22 | · 22 | | 2-CHLOROPHENOL 2-CHLOROPHENOL | 195-57-8 195-57-8 | 410 | | | | V |
| | BH40433AE | 28 | 31 | | 2-CHLOROPHENOL | 95-57-8 | 400 400 | | ug/Kg ug/Kg | | v V |
| | BH40256AE | 6 | 11 | | 2-CHLOROPHENOL | 95-57-8 | 400 | | ug/Kg | | <u>V</u> J |
| 12293 | BH40258AE | 11 | 13 | | 2-CHLOROPHENOL | 95-57-8 | 400 | | ıg/Kg | | <u>v</u> |
| | BH40450AE | 8 | 10 | | 2-CHLOROPHENOL | 95-57-8 | 380 | | ıg/Kg | | v v |
| | BH40290AE | 10 | 17 | | 2-CHLOROPHENOL | 95-57-8 | 390 | 390∣ι | ıg/Kg | U | J |
| | BH40324AE BH40713AE | 8 11 | 13] 16! | | 2-CHLOROPHENOL | 95-57-8 | 390 | | ıg/Kg | | V |
| | BH40728AE | 9, | 15 | | 2-CHLOROPHENOL 2-CHLOROPHENOL | 95-57-8 | 330 | | ıg/Kg | | V |
| | BH40742AE | 8 | 15 | | 2-CHLOROPHENOL | 95-57-8 | 330 330 | | ıg/Kg ıg/Kg | | V V |
| 6893 | BH40807AE | 6 | 12 | | 2-CHLOROPHENOL | 95-57-8 | 330 | | ıg/Kg | | * |
| | BH40770AE | 7 | 13 | | 2-CHLOROPHENOL | 95-57-8 | 330 | | ıg/Kg | | v · |
| | BH00065AE | 10 | 10 1 | | 2-HEXANONE | 591-78-6 | 13 | 13 L | ıg/Kg | U İ | V |
| | BH00068AE BH00070AE | 6) 10; | 6 I | | 2-HEXANONE | [591-78-6 | 12 | | ıg/Kg | | V |
| | BH00085AE | 14 | 14 | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 12 | | ıg/Kg | | V |
| | BH00078AE | 6 | 61 | | 2-HEXANONE | 591-78-6 | 12 | | ıg/Kg ıg/Kg | | V V |
| | BH00080AE | 8 | 9,1 | i | 2-HEXANONE | 591-78-6 | 12 | | ig/Kg | | V V |
| | BH40171AE | 10; | 10 | - T : | 2-HEXANONE | 591-78-6 | 61 | | ıg/Kg | | |
| | BH40120AE ! | 6 | 6 1 | | 2-HEXANONE | 591-78-6 | 12 | 12 0 | ıg/Kg | ין ט | V |
| | BH40120AE) BH40125AE | 6 | 6 I | | 2-HEXANONE | 591-78-6 | 12 | | ig/Kg | | V |
| | BH40125AE | 6) | 6 6 | | 2-HEXANONE 2-HEXANONE | 591-78-6 591-78-6 | 12 | | ig/Kg | | |
| | BH40029AE | 7 | 7 1 | | 2-HEXANONE | 591-78-6 | 12 10 | | ıg/Kg | | <u>v</u> |
| 0993 | BH40205AE | 9 | 10 F | | -HEXANONE | 591-78-6 | 11 | | g/Kg (| | |
| | BH40208AE | 31 | 31 F | -T 2 | 2-HEXANONE | 591-78-6 | 12 | | g/Kg i | | |
| | BH40051AE | 6 | 6 F | | 2-HEXANONE | 591-78-6 | 11 | | g/Kg | | ~~~~ |
| | BH40053AE | 10 | 10 5 | | 2-HEXANONE | 591-78-6 | 13 | | g/Kg I | | |
| | BH40198AE BH40216AE | 7 | 6 F | | -HEXANONE | 591-78-6 | 12 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | g/Kg | | / |
| | BH40219AE | 6! | 6 F | | P-HEXANONE P-HEXANONE | 591-78-6 591-78-6 | 12 | | g/Kg | | |
| | BH40221AE | 10 | 10 F | | -HEXANONE | 1591-78-6 | 14 | | g/Kg (l g/Kg (l | | |
| 1693 | BH40223AE | 17 | 17 F | | -HEXANONE | 591-78-6 | 12 | | g/Kg (| | |
| | BH40066AE | 10 | 10 F | | -HEXANONE | 591-78-6 | 12 | | g/Kg i | | |
| | BH40104AE | 6] | 6 F | | -HEXANONE | 591-78-6 | 12 | 12 u | g/Kg | J (\ | 7 |
| | BH40437AE | 6 | 6 F | | -HEXANONE | 591-78-6 | 11 | | g/Kg | | |
| | BH40090AE BH40255AE | 10 | 10 F 8 F | | -HEXANONE -HEXANONE | 591-78-6 | 12 | | g/Kg (l | | |
| | BH40257AE | 11; | 11 F | | -HEXANONE | 591-78-6 591-78-6 | 10 | | g/Kg | | |
| | BH40263AE | 6 | 6 F | | -HEXANONE | 591-78-6 | 12 | | g/Kg (l g/Kg (l | | |
| 2393 | BH40265AE | 10) | 10 F | | -HEXANONE | 591-78-6 | 12 | | g/Kg (| | |
| | BH40289AE | 10 | 10 F | T 2 | -HEXANONE | 591-78-6 | 12 | | g/Kg (| | |
| 2593 | BH40294AE | 10 | 10 F | T 2 | -HEXANONE | 591-78-6 | 12 | | g/Kg (| | |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB DEPTH UNIT DETECTION VALIDATION LOCATION DEPTH RESULT LIMIT RESULT UNITS QUALIFIER QUALIFIER · CODE SAMPLE NUMBER START END CODE CAS NO 10 FT 2-HEXANONE 591-78-6 13:ug/Kg |U 42993 BH40142AE 2-HEXANONE 591-78-6 10 10 ug/Kg |U 43193 BH40308AE 6 6 FT 9 FT 2-HEXANONE 591-78-6 12 12 ug/Kg |U !V BH40331AE 43393 9 2-HEXANONE 1591-78-6 11 11 ug/Kg |U ·V 43493 BH40323AF 10 10 FT īV 43693 BH40342AF 6 6 FT 2-HEXANONE 1591-78-6 11 11 ug/Kg JU 43693 BH40344AF a 10 FT 2-HEXANONE 1591-78-6 11 11 ug/Kg |U ĪV 43693 BH40347AE 13 13 FT 2-HEXANONE 591-78-6 12 12 ug/Kg (U IV 2-HEXANONE 43793 BH40336AE 9 9 FT 591-78-6 11 11 ug/Kg U IV 2-HEXANONE 591-78-6 12 12 ug/Kg U 43793 BH40339AE 14 14 FT 11/ 11 ug/Kg |U 43893 BH40072AE 6 6|F] 2-HEXANONE 591-78-6 11 ĪV 43893 BH40076AE 9 9 F 2-HEXANONE 591-78-6 11 ug/Kg |U IV 11 ug/Kg |U 43893 BH40074AE 12 13 FT 2-HEXANONE 1591-78-6 V BH40077AE 15 FT 2-HEXANONE 591-78-6 61 61 ug/Kg 43893 15 17 FT 2-HEXANONE 591-78-6 13 13 ug/Kg |U īV 43993 BH40360AE 16 BH40350AE 2-HEXANONE 1591-78-6 44093 6 6|F1 11 11 ug/Kg U IV 44093 15 FT 591-78-6 12 IV BH40352AE 14 2-HEXANONE 12 ug/Kg |U 2-HEXANONE 44393 BH40037AF 10 10 FT 1591-78-6 13 13 ug/Kg U IV 44593 BH40004AE 10 10 FT 2-HEXANONE 1591-78-6 10 11 ug/Kg |U IV 44593 BH40006AE 14 14 FT 2-HEXANONE 1591-78-6 10 13 ug/Kg |U IV 44893 BH40189AE 6 6 FT 2-HEXANONE 1591-78-6 11 11 ug/Kg |U IV 45693 BH40373AE 12 ug/Kg |U 9 9 FT 2-HEXANONE 591-78-6 12 V 45893 BH40381AE 9 10 F 2-HEXANONE 1591-78-6 11 ug/Kg |U 12 ug/Kg U 46193 BH40387AE 8 8 FT 2-HEXANONE 591-78-6 IV 46693 BH40719AE 6 FT 2-HEXANONE 591-78-6 10 11 ug/Kg |U 6 IJ 46693 12 ug/Kg |U BH40727AE 14 15 FT 2-HEXANONE 1591-78-6 10 IV 46793 BH40733AE 6 FT 2-HEXANONE 1591-78-6 10 76 īV 12 ug/Kg | U 46793 BH40741AE 8 8 FT 2-HEXANONE 1591-78-6 10 12 ug/Kg |U iV 2-HEXANONE 46893 BH40747AF 6 6 FT 591-78-6 10 11 ug/Kg |U IV 46893 BH40750AF 10 10 FT 2-HEXANONE 591-78-6 10 11 ug/Kg |U !V 46893 BH407554E 12 12|FT 2-HEXANONE 591-78-6 10 12 ug/Kg U IV 46993 BH40769AE 7 F T 2-HEXANONE 591-78-6 10 13 ug/Kg U ١V P208989 SEP1789BR0810 9 11 FT 2-HEXANONE 1591-78-6 12 ug/Kg |U 12 V P208989 SEP1789BR1214 13 15 F 2-HEXANONE 591-78-6 12 ug/Kg U P208989 SEP1789BR1618 19 F 2-HEXANONE 591-78-6 12 12 ug/Kg |U V P209189 SEP1989BR0810 10 F 2-HEXANONE 591-78-6 ١V 8 11 11 ug/Kg |U 14 FT 1591-78-6 P209189 SEP1989BR1214 12 2-HEXANONE 12 12 ug/Kg |U IV P209189 SEP1989BR1618 2-HEXANONE 16 18 FT 591-78-6 ĪV 12 12 ug/Kg (U P209189 SEP1989BR2021 20 21 FT 2-HEXANONE 591-78-6 12 12 ug/Kg U íν SEP1989BR2223 2-HEXANONE P209189 22 23 FT 591-78-6 12 12 ug/Kg U īv 12 ug/Kg U P209489 SEP2289BR0810 8 10 FT 2-HEXANONE 591-78-6 12 īV 2-HEXANONE P209489 SEP2289BR1618 16 18 FT 591-78-6 12 12 ug/Kg |U IV P209489 SEP2289BR2022 20 22 FT 2-HEXANONE 591-78-6 11 11 ug/Kg | U P209889 SEP2689BR0810 2-HEXANONE 591-78-6 13 ug/Kg U 8 10 F 13 V P209889 SEP2689BR1214 12 2-HEXANONE 591-78-6 13 13 ug/Kg U SEP3189BR0810 2-HEXANONE P210289 8 591-78-6 12 12 ug/Kg !U P210289 SEP3189BR1214 14|F7 2-HEXANONE 591-78-6 īV 12 12 12 ug/Kg U P210289 SEP3189BR1618 16 18 FT 2-HEXANONE 591-78-6 12 12 ug/Kg U IV 42193 BH40086AE 2-METHYLNAPHTHALENE 191-57-6 16 F 410 ug/Kg |U 10 410 IV BH40091AE 42193 2-METHYLNAPHTHALENE 191-57-6 410 ug/Kg | U 16 22 F1 410 IV 2-METHYLNAPHTHALENE 191-57-6 42193 BH40430AE 22 28 FT 400 400 ug/Kg U īV 42193 BH40433AE 28 31|FT 2-METHYLNAPHTHALENE 91-57-6 400 400 ug/Kg |U IV 42293 BH40258AE 11 13 FT 2-METHYLNAPHTHALENE 91-57-6 400 400 ug/Kg |U V 42593 BH40450AE 10 FT 2-METHYLNAPHTHALENE 91-57-6 380 380 ug/Kg |U 8 V 42593 BH40290AE 10 17 FT 2-METHYLNAPHTHALENE 91-57-6 390 390; ug/Kg | U BH40324AE 2-METHYLNAPHTHALENE 43393 91-57-6 390 390 ug/Kg | U 2-METHYLNAPHTHALENE BH40713AE 11 91-57-6 330 390 ug/Kg U 46693 BH40728AE 2-METHYLNAPHTHALENE 91-57-6 330 9 15 F 390 ug/Kg | U 46793 BH40742AE 2-METHYLNAPHTHALENE 191-57-6 8 15 FT 330 390 ug/Kg | U IV 46893 2-METHYLNAPHTHALENE BH40807AE 6 191-57-6 12 FT 330 350 ug/Kg U IV 46993 BH40770AF 2-METHYLNAPHTHALENE 13 FT 191-57-6 330 390 ug/Kg | U IV 42193 BH40086AE 10 16 F 2-METHYLPHENOL 95-48-7 410 410 ug/Kg U IV 42193 BH40091AE 16 22 FT 2-METHYLPHENOL 95-48-7 410 410 ug/Kg U V 42193 BH40430AF 22 28 FT 2-METHYLPHENOL 95-48-7 400 400 ug/Kg |U IV 42193 BH40433AE 28 31 FT 2-METHYLPHENOL 195-48-7 400 400 ug/Kg |U īV 42293 BH40256AF 6 11 FT 2-METHYLPHENOL 95-48-7 400 400 ug/Kg U IJ 2-METHYLPHENOL 42293 BH40258AE 95-48-7 11 13 FT 400 400 ug/Kg U 42593 BH40450AE 2-METHYLPHENOL 95-48-7 380 ug/Kg | U V 8 10 FT 380 BH40290AE 2-METHYLPHENOL 42593 10 95-48-7 390 390 ug/Kg | U IJ 2-METHYLPHENOL 95-48-7 V 43393 BH40324AE 8 13 F 390 390 ug/Kg |U 46593 BH40713AE 16 FT 2-METHYLPHENOL 95-48-7 330 390 ug/Kg | U īV 11 46693 BH40728AE 15|FT 2-METHYLPHENOL 95-48-7 390 ug/Kg U īV 9 330 2-METHYLPHENOL 46793 BH40742AE 95-48-7 390 ug/Kg |U ĪV 8 15 FT 330 BH40807AF 195-48-7 46893 6 12 FT 2-METHYLPHENOL 330 350 ug/Kg U 46993 BH40770AF 7 13 FT 2-METHYLPHENOL 195-48-7 330 390 ug/Kg |U ĪV 42193 BH40086AE 10 16 FT 2-NITROANILINE 188-74-4 2000 2000 ug/Kg U IV

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB LOCATION DEPTH UNIT DEPTH DETECTION RESULT VALIDATION END CODE CODE SAMPLE NUMBER START CAS NO LIMIT RESULT UNITS QUALIFIER Analyte QUALIFIER BH40091AE 42193 2-NITROANILINE 88-74-4 16 22 FT 2100 2100 ug/Kg | U 42193 BH40430AF 28 F 2-NITROANILINE 22 188-74-4 2000 2000 ug/Kg ¡U ĪV BH40433AE 2000 ug/Kg |U 42193 28 31 FT 2-NITROANILINE 88-74-4 2000 42293 BH40256AF 6 11 F 2-NITROANILINE 88-74-4 2000 2000|ug/Kg |U 42293 BH40258AE 11; 13 F 2-NITROANILINE 88-74-4 2000 2000 ug/Kg | U ĪV 42593 BH40450AF 8 10 FT 2-NITROANILINE 188-74-4 1900 1900 ug/Kg |U ١V 42593 BH40290AE 2-NITROANILINE 10 17 F 188-74-4 1900 ug/Kg | U 1900 IJ 43393 BH40324AE 12-NITROANILINE 88-74-4 2000 2000 ug/Kg | U V BH40713AE 46593 11 16 F 2-NITROANILINE 88-74-4 1600 1900 ug/Kg | U IV 46693 BH40728AE 9 15 FT 2-NITROANILINE 188-74-4 1600 1900 ug/Kg U IV 46793 BH40742AE 8 15 F7 2-NITROANILINE 188-74-4 1600 1900 ug/Kg (U 46893 BH40807AE 2-NITROANILINE 1700 ug/Kg | U 6 12 FT 188-74-4 1600 IV 46993 BH40770AE 13 FT 2-NITROANILINE 88-74-4 1600 1900 ug/Kg | U 42193 BH40086AE 410 ug/Kg | U 10 16 FT 2-NITROPHENOL 88-75-5 410 BH40091AF 42193 16 22 FT 2-NITROPHENOL 88-75-5 410 410 ug/Kg | U 42193 BH40430AF 22 28 FT 2-NITROPHENOL 88-75-5 400 400 ug/Kg U V 42193 BH40433AF 28 31|FT 2-NITROPHENOL 88-75-5 400 400 ug/Kg U 400 ug/Kg U IV 42293 BH40256AF 6 11 FT 2-NITROPHENOL 188-75-5 400 IJ 42293 BH40258AF 13 F 2-NITROPHENOL 188-75-5 400 V 400 ug/Kg (U 42593 BH40450AE 8 10 F 2-NITROPHENOL 88-75-5 380 380 ug/Kg | U IV 42593 BH40290AF 10 17 FT 2-NITROPHENOL 88-75-5 390 390 ug/Kg | U 43393 BH40324AE 8 13 FT 2-NITROPHENOL 188-75-5 390 390 ug/Kg | U 46593 BH40713AE 16 FT 12-NITROPHENOL 11 88-75-5 330 390 ug/Kg | U īV 46693 BH40728AE 15 FT 2-NITROPHENOL 9 188-75-5 330 390 ug/Kg | U 46793 BH40742AE 8 15 FT 2-NITROPHENOL 88-75-5 330 390 ug/Kg | U 46893 BH40807AF 6 12 FT 2-NITROPHENOL 350 ug/Kg | U 188-75-5 330 īV 46993 BH40770AF 7 13 FT 2-NITROPHENOL 188-75-5 330 390 ug/Kg | U IV 42193 BH40086AF 10 16 F 3,3'-DICHLOROBENZIDINE 91-94-1 810 810 ug/Kg JU IV 42193 BH40091AE 16 22 F7 3,3'-DICHLOROBENZIDINE 91-94-1 830 830 ug/Kg U īv 42193 BH40430AE 3,3'-DICHLOROBENZIDINE 22 28 F 91-94-1 800 800 ug/Kg | U V 42193 BH40433AE 28 3,3'-DICHLOROBENZIDINE 191-94-1 800 800 ug/Kg | U īV BH40256AE 42293 6 11 F 3,3'-DICHLOROBENZIDINE 91-94-1 810 810 ug/Kg | U IJ 42293 BH40258AE 11 13 FT 3.3'-DICHLOROBENZIDINE 800 ug/Kg jU 191-94-1 800 42593 BH40450AE 8 10 F 3 3'-DICHLOROBENZIDINE 91-94-1 770 770 ug/Kg | U V 42593 BH40290AE 10 17 FT 3.3'-DICHLOROBENZIDINE 91-94-1 780 780 ug/Kg U IJ 43393 BH40324AF 3.3'-DICHLOROBENZIDINE 8 13 FT 91-94-1 780 780 ug/Kg | U ĬΫ 46593 BH40713AF 117 16 FT 3,3'-DICHLOROBENZIDINE 91-94-1 660 780 ug/Kg | U IV 46693 BH40728AF 9 15 FT 3,3'-DICHLOROBENZIDINE 91-94-1 660 780 ug/Kg U IV 46793 BH40742AE 8 15 F 3,3'-DICHLOROBENZIDINE 91-94-1 660 790 ug/Kg |U V 46893 BH40807AE 6 12 F 3,3'-DICHLOROBENZIDINE 91-94-1 660 700 ug/Kg | U W 46993 BH40770AE 13 F 3,3'-DICHLOROBENZIDINE 91-94-1 660 780 ug/Kg | U īV 42193 BH40086AE 10 16 FT 3-NITROANILINE 199-09-2 2000 2000 ug/Kg (U īV 42193 BH40091AE 16 22 FT 3-NITROANILINE 99-09-2 2100 2100 ug/Kg |U IV 42193 BH40430AE 22 28 FT 13-NITROANILINE 99-09-2 2000 2000 ug/Kg U 42193 BH40433AE 28 31 FT 3-NITROANII INF 99-09-2 2000 2000 ug/Kg 1U 42293 BH40256AE 6 11 FT 3-NITROANILINE 99-09-2 2000 2000 ug/Kg | U 42293 BH40258AF 11 13 FT 3-NITROANILINE 2000 ug/Kg |U 99-09-2 2000 V 1900 ug/Kg | U 42593 BH40450AF 8 10 FT 3-NITROANILINE 99-09-2 1900 IV 42593 BH40290AF 10 17 FT 3-NITROANILINE 99-09-2 1900 1900 ug/Kg |U IJ 43393 BH40324AE 8 13 FT 3-NITROANILINE 99-09-2 2000 2000 ug/Kg | U IV 46593 BH40713AE 11 16 FT 3-NITROANILINE 199-09-2 1600 1900 ug/Kg | U IV 46693 BH40728AE 9 15 FT 3-NITROANILINE 99-09-2 1600 1900 ug/Kg | U ĪV 46793 BH40742AE 8 15 FT 3-NITROANILINE 199-09-2 1600 1900 ug/Kg | U 46893 BH40807AE 12 FT 3-NITROANILINE 6 99-09-2 1600 1700 ug/Kg | U 46993 BH40770AE 3-NITROANILINE 13 FT 99-09-2 1600 1900 ug/Kg U 42193 BH40086AE 10 16 FT 4.4'-DDD 72-54-8 20 20 ug/Kg U ĪV 42193 BH40091AF 16 22 FT 4.4'-DDD 72-54-8 20 20 ug/Kg U Ì٧ 4,4'-DDD 42193 BH40430AF 22 28 FT 72-54-8 19 19 ug/Kg U V 4,4'-DDD 42193 BH40433AF 28 31 FT 72-54-8 19 19 ug/Kg U V 42293 BH40256AF 11 FT 4,4'-DDD 6 72-54-8 19 19 ug/Kg U īv 42293 BH40258AF 13 F 4.4'-DDD 72-54-8 19 19 ug/Kg |U íV 42593 BH40450AE 8 4,4'-DDD 72-54-8 18 18 ug/Kg U IV 42593 BH40290AE 10 4,4'-DDD 172-54-8 19 19 ug/Kg U BH40324AE 13 FT 43393 8 4.4'-DDD 72-54-8 19 19 ug/Kg |U 46593 BH40713AE 11 16 FT 4.4'-DDD 72-54-8 16 19 ug/Kg U 46693 BH40728AE 9 15 FT 4.4'-DDD 72-54-8 16 19 ug/Kg | U 46793 BH40742AE 8 15 FT 4.4'-DDD 72-54-8 16 19 ug/Kg |U 46893 BH40807AF 72-54-8 6 12 FT 4.4'-DDD 16 17 ug/Kg |U IV 46993 72-54-8 BH40770AE 7 13 FT 4.4-DDD 16 19 ug/Kg |U īv 42193 BH40086AF 10 16 FT 14,4'-DDE 72-55-9 20 20 ug/Kg U IV 42193 BH40091AE 16 22 FT 4,4'-DDE 72-55-9 20 20 ug/Kg U V 42193 BH40430AE 22 4,4'-DDE 28 F 72-55-9 19 19 ug/Kg | U īV 42193 BH40433AE 28 4,4'-DDE 72-55-9 19 19 ug/Kg U īV 42293 BH40256AE 11 F 4,4'-DDE 172-55-9 19 19 ug/Kg U 42293 BH40258AE 11 13 FT 4.4'-DDE 172-55-9 19 19 ug/Kg | U V



| | Table | e A.10 So | lar Evaporatio | n Ponds AOC - Analytical Results for S | ubsurface Soil | s Greater Thai | 6 Feet - Organics | | |
|---|--------------------------|-----------|----------------|--|-----------------------|----------------|--------------------------|----------------|------------|
| LOCATION | | DEDTU | DEPTH UN | | | DETECTION | | LAB | VALIDATION |
| CODE | SAMPLE NUMBER | | END COL | | CAS NO | LIMIT | RESULT UNITS | | |
| <u></u> | BH40450AE | 8 | 10 FT | 4,4'-DDE | 72-55-9 | 18 | | · | V |
| 42593 | BH40290AE | 10 | | 4,4'-DDE | 72-55-9 72-55-0 | 19 | | | J |
| 43393 | BH40324AE BH40713AE | 11 | | 4,4'-DDE 4,4'-DDE | 172-55-9 172-55-9 | 19 | · | | V V |
| | BH40728AE | 9 | <u> </u> | 4,4'-DDE | 72-55-9 | 16 | | | V |
| - | BH40742AE | 8 | | 4,4'-DDE | 72-55-9 | 16 | | | ٧ |
| 46893 | BH40807AE BH40770AE | 6 7 | | 4.4'-DDE 4.4'-DDE | 72-55-9 72-55-9 | 16 | | | V |
| | BH40086AE | 10 | | 4.4'-DDT | 150-29-3 | 20 | | | V |
| | BH40091AE | 16 | | 4,4'-DDT | 50-29-3 | 20 | | | V |
| | BH40430AE | 22 | | 4,4'-DDT | 50-29-3 | 19 | | | V |
| | BH40433AE BH40256AE | 28 6 | | 4,4'-DDT 4,4'-DDT | 50-29-3 50-29-3 | 19 | | | V V |
| | BH40258AE | 11 | 13 FT | 4,4'-DDT | 50-29-3 | 19 | | | V |
| | BH40450AE | 8 | | 4,4'-DDT | 50-29-3 | 18 | | | V |
| | BH40290AE | 10 | | 4,4'-DDT | 50-29-3 | 19 | | | A N |
| | BH40324AE BH40713AE | 8 11 | | [4,4'-DDT] | 50-29-3 | 19 | | | V |
| | BH40728AE | 9 | | 4,4'-DDT | 50-29-3 | 16 | | | V |
| | BH40742AE | 8 | ······ | 4,4'-DDT | 50-29-3 | 16 | | | V |
| 46893 | BH40807AE BH40770AE | 6 | 12 FT 13 FT | 4,4'-DDT 4,4'-DDT | 50-29-3 50-29-3 | 16 | | | V |
| | BH40770AE BH40086AE | 10 | | 4.6-DINITRO-2-METHYLPHENOL | 534-52-1 | 2000 | | | V |
| 42193 | BH40091AE | 16 | | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 2100 | | | V |
| | BH40430AE | 22 | 28 FT | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 2000 | 2000 ug/Kg | U | V |
| *************************************** | BH40433AE BH40256AE | 28 | 31 FT | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 534-52-1 | 2000 | | | <u>v</u> |
| | BH40258AE | 6 11 | 11 FT 13 FT | 4,6-DINITRO-2-METHYLPHENOL 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 2000 | | | <u>^</u> |
| | BH40450AE | 8 | | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1900 | | | v v |
| | BH40290AE | 10 | 17 FT | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1900 | | | J |
| | BH40324AE BH40713AE | 8 | 13 FT 16 FT | 4,6-DINITRO-2-METHYLPHENOL 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 2000 | | | <u>V</u> |
| | BH40728AE | 11 9 | <u></u> | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 534-52-1 | 1600 1600 | | | V V |
| | BH40742AE | 8 | | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | | - | V |
| · | BH40807AE | 6 | | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | | | V |
| | BH40770AE BH40086AE | 7 10 | 13 FT 16 FT | 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | | | V |
| <u> </u> | BH40091AE | 16 | 22 FT | 4-CHLORO-3-METHYLPHENOL 4-CHLORO-3-METHYLPHENOL | 59-50-7 59-50-7 | 410 410 | | | V |
| | BH40430AE | 22 | 28 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 400 | | | v |
| | BH40433AE | 28 | 31 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 400 | 400 ug/Kg | | ٧ |
| | BH40256AE ; BH40258AE | 11 | 11 FT 13 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 59-50-7 | 400 400 | 400 ug/Kg 400 ug/Kg | | <u>J</u> |
| | BH40450AE | 8 | 10/FT | 4-CHLORO-3-METHYLPHENOL | 159-50-7 | 380 | | | V |
| | BH40290AE | 10 | 17 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 390 | 390 ug/Kg | | j |
| <u> </u> | BH40324AE | 8 | 13 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 390 | | | V |
| | BH40713AE BH40728AE | 11 | 16 FT 15 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 59-50-7 | 330 330 | | ····· | V V |
| | BH40742AE | 8 | 15 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 330 | | | V |
| | BH40807AE | 6 | 12 FT | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 330 | | | V |
| | BH40770AE BH40086AE | 7 | | 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 330 | 444,49,19 1 | | <u>V</u> |
| | BH40086AE BH40091AE | 10) 16 | 16 FT 22 FT | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 | 410 410 | | | v V |
| 42193 | BH40430AE | 22 | | 4-CHLOROANILINE | 106-47-8 | 400 | | | v v |
| | BH40433AE | 28 | | 4-CHLOROANILINE | 106-47-8 | 400 | 400 ug/Kg | U Ì | V |
| | BH40256AE BH40258AE | 6, | | 4-CHLOROANILINE | 106-47-8 | 400 | | | J |
| | BH40450AE | 11 8 | | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 | 400 380 | 400 ug/Kg i 380 ug/Kg | | V V |
| 42593 | BH40290AE | 10 | 17 FT | 4-CHLOROANILINE | 106-47-8 | 390 | | | J |
| | BH40324AE | 8 | 13 FT | 4-CHLOROANILINE | 106-47-8 | 390 | 390 ug/Kg | U j | v |
| | BH40713AE BH40728AE | 11 | 16 FT 15 FT | 4-CHLOROANILINE 4-CHLOROANILINE | 106-47-8 | 330 | | | V |
| | BH40742AE | 9) | 15 FT | 4-CHLOROANILINE | 106-47-8 106-47-8 | 330 330 | 390 ug/Kg 390 ug/Kg | | V V |
| 46893 | BH40807AE | 6; | 12 FT | 4-CHLOROANILINE | 106-47-8 | 330 | 350 ug/Kg | | V |
| 46993 | BH40770AE | 7, | | 4-CHLOROANILINE | 106-47-8 | 330 | 390 ug/Kg | | V |
| 42193 | BH40086AE | 10 | 16 FT | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 410 | 410 ug/Kg | u İ | v |
| | | | , | - CHECKSTIERIE FILENCE LINEX | 1.000-12-0 | 410 | 410 ug/ng | - | • |
| 42193 | BH40091AE | 16 | 22 FT | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 410 | 410 ug/Kg | U İ | V |
| 42193 | BH40430AE | 22 | 28 FT | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 400 | 400 | | V |
| | | - 22 | 20 11 | - SILONOF RENTE FRENTE EIRER | 1,003-12-3 | 400 | 400 ug/Kg | 9 | V |
| 42193 | BH40433AE | 28 | 31 FT | 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 400 | 400 ug/Kg | U . | v |
| 42293 | BH40256AE | 6 | 11 FT | A-CHI OROPHENVI PHENVI ETHER | 7005.72.3 | 400 | 400 | —— | |
| -5500 | D: 140230AE | Б | nijri | 4-CHLOROPHENYL PHENYL ETHER | (1003-12-3 | 400 | 400 ug/Kg | <u> </u> | J |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB LOCATION DEPTH DETECTION VALIDATION PESIT LIMIT CODE END CODE SAMPLE NUMBER START UNITS Analyte CAS NO RESULT QUALIFIER QUALIFIER 42293 BH40258AE 11 13 FT 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 400 400 ug/Kg BH40450AE 10 FT 42593 V 8 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 380 380 ug/Kg BH40290AE 42593 10 17 FT 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 390 390 ug/Kg 43393 BH40324AE 13 FT 4-CHLOROPHENYL PHENYL ETHER 390 ug/Kg 7005-72-3 390 v 46593 BH40713AE 16 FT 4-CHLOROPHENYL PHENYL ETHER 11 7005-72-3 330 390 ug/Kg w 46693 BH40728AE 15 FT 4-CHLOROPHENYL PHENYL ETHER 17005-72-3 330 390 ug/Kg v 46793 BH40742AE 15 FT 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 8 330 ٧ 390 ug/Kg U 46893 RH40807AF 12 FT 6 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 330 350 ug/Kg ĺν 46993 BH40770AF 13 FT 4-CHLOROPHENYL PHENYL ETHER 7005-72-3 330 390 ug/Kg W 05093 BH00065AE 4-METHYL-2-PENTANONE 10 10 F 108-10-1 13 13 ug/Kg U īV 05193 BH00068AF 4-METHYL-2-PENTANONE 6FT 108-10-1 12 īv 12 ug/Kg U 05193 BH00070AE 10 10 F 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U IV 05193 BH00085AF 14 4-METHYL-2-PENTANONE 14 FT 108-10-1 12 12 ug/Kg U īV BH00078AE Q5393 6 6 FT 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg |U IV 05393 BH00080AF 4-METHYL-2-PENTANONE 8 9 FT 108-10-1 12 īv 12 ug/Kg | U 40093 BH40171AE 10 10 FT 4-METHYL-2-PENTANONE 108-10-1 61 61 ug/Kg U īv 40293 BH40120AF ~ 6 FT 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg |U 40293 BH40120AF 6 6 FT 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U IV 40393 BH40125AE 6 6 F 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U IV 4-METHYL-2-PENTANONE 40393 BH40125AE 6 6 F 108-10-1 12 12 ug/Kg U īv 40893 BH40029AE 7 F 4-METHYL-2-PENTANONE 108-10-1 10 12 ug/Kg U IV 40993 BH40205AE 9 10 FT 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U ĪV 40993 BH40208AE 31 31 FT 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U īv 41193 BH40051AE 6 6 F7 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg |U IV 41193 8H40053AE 10 10 FT 4-METHYL-2-PENTANONE 108-10-1 13 V 13 ug/Kg | U 41293 BH40198AE 6 6 F I 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U V BH402164E 41593 8 FT 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg |U ÌV 41693 BH40219AE ñ 6 F 4-METHYL-2-PENTANONE 108-10-1 14 14 ug/Kg U īV 41603 BH40221AF 10 10 F 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U īV 41693 BH40223AE 17 17 F 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U V 41993 BH40066AE 10 10 F 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg | U 11/ 42093 BH40104AE 6 6 F1 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg |U iν 42193 BH40437AF 6 6 F 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U 42193 BH40090AE 10 10 FT 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U V 42293 BH40255AF 7 8 FT 4-METHYL-2-PENTANONE 108-10-1 10 10 ug/Kg U IJ 42293 BH40257AF 11 11 FT 4-METHYL-2-PENTANONE 108-10-1 6 ug/Kg U IJ 42393 BH402634F ã 6 F 4-METHYL-2-PENTANONE 108-10-1 10 10 ug/Kg |U īV 42393 RH40265AF 10 10 F 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U ٤V 42493 BH40289AF 4-METHYL-2-PENTANONE 10 10 F 108-10-1 12 12 ug/Kg U IV 42593 BH40294AE 10 4-METHYL-2-PENTANONE 108-10-1 12 12 ug/Kg U iV 42993 BH40142AE 10 F 4-METHYL-2-PENTANONE 108-10-1 13 13 ug/Kg U IV 6 FT 43193 BH40308AE 6 4-METHYL-2-PENTANONE 108-10-1 10 10 ug/Kg U īV 43393 BH40331AE 9.FT 4-METHYL-2-PENTANONE 9 108-10-1 12 īv 12 ug/Kg ¡U 43493 BH40323AE 10 10:FT 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U 43693 BH40342AF 4-METHYL-2-PENTANONE 6 6 FT 108-10-1 11 11 ug/Kg U 43693 BH40344AE 9 10 FT 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg |U ĪV RH40347AF 43693 13 13 FT 4-METHYL-2-PENTANONE 108-10-1 12 īv 12 ug/Kg U 43793 BH40336AE 4-METHYL-2-PENTANONE 11 ug/Kg U 12 ug/Kg U 9 F 108-10-1 11 īV 43793 BH403394F 14 4-METHYL-2-PENTANONE 14 FT 108-10-1 12 V 43893 BH40072AE 6 F 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U ĪV 43893 BH40076AE 9 FT 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U IV 43893 BH40074AE 12 13 FT 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg |U īv 43893 BH40077AE 15 15 FT 4-METHYL-2-PENTANONE 108-10-1 61 61 ug/Kg U 43993 4-METHYL-2-PENTANONE BH40360AE 16 17 FT 108-10-1 13 ug/Kg U 13 44093 BH40350AF 11 ug/Kg U 12 ug/Kg U 6 6 FT 4-METHYL-2-PENTANONE 108-10-1 11 44093 BH40352AF 14 15 FT 4-METHYL-2-PENTANONE 108-10-1 12 V 44393 BH400374F 10 10 F 4-METHYL-2-PENTANONE 108-10-1 13 13 ug/Kg | U iV 44593 BH40004AF 10 10 FT 4-METHYL-2-PENTANONE 108-10-1 10 11 ug/Kg |U īV 44593 BH40006AF 14 14 FT 4-METHYL-2-PENTANONE 108-10-1 10 13 ug/Kg |U īv 44893 BH40189AF 6 6 FT 4-METHYL-2-PENTANONE 108-10-1 11 11 ug/Kg U IV 45693 BH40373AE 4-METHYL-2-PENTANONE 9 F 108-10-1 12 12 ug/Kg U IV 45893 BH40381AE 4-METHYL-2-PENTANONE 10 F 108-10-1 11 11 ug/Kg U īV 46193 BH40387AE 8 FT 4-METHYL-2-PENTANONE 8 108-10-1 12 12 ug/Kg | U īV 46593 BH40704AE 6 7 F 4-METHYL-2-PENTANONE 108-10-1 10 11 ug/Kg U 46593 BH40712AE 10 4-METHYL-2-PENTANONE 10 FT 108-10-1 10 12 ug/Kg | U īV 46693 BH40719AE 6 6 FT 4-METHYL-2-PENTANONE 108-10-1 10 11 ug/Kg |U IJ

| Section Septement Septem | | Table | A.10 So | lar Evape | ration I | Ponds AOC - Analytical Results for Su | ıbsurface Soil | s Greater Than | 6 Feet - Organ | ics | | |
|--|---------------------------------------|--|---------------------------|------------------|---------------------------------------|--|---------------------------------------|--|---------------------------------------|------|--|---------------------------------------|
| 18993 89407736E | NAME OF THE PARTY | SAMPLE NUMBER | | | | | | | | | RESULT | VALIDATION OUALIEIER |
| 1875 1874071AE 6 6 FT 4-METHYL-ZPERTANONE 108-10-1 10 11 11 12 12 486 48650 187407AE 6 6 FT 4-METHYL-ZPERTANONE 108-10-1 10 11 11 12 486 4 | Miller and Albert Profession & contra | الإربينية ولينز والمخاولة ورادان والمناون والمنوعة والانتراب بتطرواه أدارهوا | (Sureling arrondustrial # | Samuel - Charles | Section of Designation and Miles | the same of the sa | · · · · · · · · · · · · · · · · · · · | The second section of the section of the sect | Total or other property of the second | man. | representations are relative to the least of | · · · · · · · · · · · · · · · · · · · |
| ### | | | | | | · | | / | | | | |
| ## ## ## ## ## ## ## # | | | | | | | ·· | | | | | |
| 68893 BH40756AE 12 12 17 HAMETHYL-ZPERTANONE 108-10-1 10 319976 U V V V V V V V V V | | | | | | | | | | | | |
| PROSSESS SPHATOFRANE | | | <u>`</u> | | | | | | | | | |
| P209899 SEPT/898811214 13 10 FT 4-METHYL_2-PENTANONE 100-10-1 12 12 ug/Ng U V V V P209899 SEPT/89881010 8 10 FT 4-METHYL_2-PENTANONE 100-10-1 11 11 ug/Ng U V V V V V V V V V | 993 BI | 3H40769AE | | | | | 108-10-1 | | | | | v |
| P209899 SEPT/89881619 17 19FT 1-METHYL-2-PENTANONE | | | | | | | | · | | | | |
| P209189 SEP19888R010 | | | | | | | | | | | | |
| P200189 SEP1998RR 1214 12 14-FT 4-METHYL-2-PENTANONE 109-10-1 12 12-up/Kg U V V V V V V V V V | | | | | | | | | | | | · |
| PZ001999 SEP199998R1618 18 18 FT 4-METHYL-2-PENTANONE 100-10-1 12 12 12 12 12 12 12 | | | | | | | | <u></u> | | | | |
| P200199 SEP19388R2232 22 23 FT | | | | | | | | | | | | |
| P200498 SEP23898R010 8 10 FT 4-METHYL-2-PENTANONE 100-10-1 12 12 ug/kg U V P200499 SEP22898R0202 20 22 FT 4-METHYL-2-PENTANONE 100-10-1 11 11 11 11 11 1 | | ······································ | | | | | | <u> </u> | | | · | |
| P209499 SEP23988R1018 16 | | | | | | | | | | | | |
| P200489 SEP22898R2022 20 22 FT 14-METHYL-2-PENTANONE 108-10-1 1111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111 1 | | ······ | | | | | | | | | | <u> </u> |
| P29889 SEP2889R1214 | | | | | | | 108-10-1 | 11 | | | | V |
| | | | | | | | | · | | _ | | |
| P2010299 SEP31989R1214 12 | | | | | | | | | | | | |
| P270298 SEP31898R1616 | | | | | | | | | | | | |
| | 10289 S | EP3189BR1618 | 16 | | | | | | | | | 1 |
| #2193 BH40430AE 22 22 8FT #-METHYLPHENOL 106-44-5 400 400 400 407 427 | | | | | | | | · · · · · · · · · · · · · · · · · · · | 410 ug/Kg | | | |
| ## ## ## ## ## ## ## # | | | | | | | | | | | | |
| #2293 BH40258AE 6 | ···· | | | | | | · · · · · · · · · · · · · · · · · · · | <u> </u> | | | | |
| | | | | | | | | | | _ | | |
| 12593 BH40290AE | | | | 13 | | | 106-44-5 | 400 | | | | |
| 13393 BH40324AE | | | | | | | | | | | | |
| 16683 BH40713AE | | | | | | | | | | | | |
| 166933 BH40723AE | | | | | | | | | | | | |
| BH48937 BH4007AE | | | 9 | 15 | FT | 4-METHYLPHENOL | 106-44-5 | | | | | |
| 16998 BH40770AE | | ·································· | | | | | | | | | | |
| BH40095AE | | | | | | | | | | | | |
| 12193 BH40091AE 16 | | | | | | | 4 | <u></u> | | | | |
| A2193 | | | | | | | | | | | 111 | |
| A2293 BH40256AE 6 | | | | | | | · | | | | | |
| A2293 BH40258AE | | | | | | | | | | | ······································ | |
| A2593 BH40450AE | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| A2593 BH40290AE | | | | - | | | | | | | | |
| A6593 BH40713AE | | | | | | | 100-01-6 | 1900 | 1900 ug/Kg | Ţ | J | J · |
| He693 BH40728AE | | | | | | | | | | | | |
| 48793 BH40742AE | | | | ···· | | | | | | | | |
| A6893 BH40807AE | | | | | | | | | | | | |
| A2193 BH40086AE | 893 BI | H40807AE | 6 | 12 | FT ; | 4-NITROANILINE | 100-01-6 | | | | | |
| 42193 BH40091AE 16 22 FT | | | | | | | | | | | | |
| 42193 BH40430AE 22 28 FT | | | | | | | | | | | | |
| 42193 BH40433AE 28 31 FT 4-NITROPHENOL 100-02-7 2000 2000 ug/Kg U V V V V V V V V V | | | ~~ ~~~~ | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| 42293 BH40258AE | 193 Bi | H40433AE | 28 | | FT | 4-NITROPHENOL | | | | | | |
| 42593 BH40450AE 8 | | | | | | | | | | | | |
| 42593 BH40290AE 10 17 FT | | | | | | | | | | | | |
| A3393 BH40324AE 8 | | | | | | | | | | | | |
| A6593 BH40713AE | 393 BH | H40324AE | | | FT | 4-NITROPHENOL | <u> </u> | | | | | |
| 46793 BH40742AE 8 | | | | | | | | | 1900 ug/Kg | ļ. | J i | ٧ |
| 46893 BH40807AE 6 12 FT | | | | | | | | · | | | | |
| 46993 BH40770AE 7 | | | | | | | | | | | | |
| 42193 BH40086AE 10 16 FT ACENAPHTHYLENE 208-96-8 410 410 ug/Kg U V V 42193 BH40091AE 16 22 FT ACENAPHTHYLENE 208-96-8 410 410 ug/Kg U V V 42193 BH40430AE 22 28 FT ACENAPHTHYLENE 208-96-8 400 400 ug/Kg U V V 42193 BH40433AE 28 31 FT ACENAPHTHYLENE 208-96-8 400 400 ug/Kg U V V V V V V V V V | | | | | | | · | | | | | |
| 42193 BH40430AE 22 28 FT ACENAPHTHYLENE 208-96-8 400 400 ug/Kg U V V V V V V V V V | | | 10 | | | | 208-96-8 | 410 | 410 ug/Kg | t | J j | V |
| 42193 BH40433AE 28 31 FT ACENAPHTHYLENE 208-96-8 400 400 ug/Kg U V V V V V V V V V | | | | | | | | | | | | |
| 42293 BH40256AE 6 | | | | | | | | | | | | |
| 42293 BH40258AE | | | | | | | | | | | | |
| in | 293 BH | H40258AE | 11 | 13 | FT | ACENAPHTHYLENE | 208-96-8 | 400 | | | J | V |
| LASENS IDELACIONAL AND ATET LACEUM DISTRICT | | | | | | | | | | | | |
| 42593 BH40290AE 10 17/FT ACENAPHTHYLENE 208-96-8 390 390/ug/Kg U J 43393 BH40324AE 8 13/FT ACENAPHTHYLENE 208-96-8 390 390/ug/Kg U V | | | | | | | | | | | | |
| 43393 BH40324AE 8 13 FT ACENAPHTHYLENE 208-96-8 390 390 ug/Kg U V V 46593 BH40713AE 11 16 FT ACENAPHTHYLENE 208-96-8 330 390 ug/Kg U V V V V V V V V V | | | | | | | | | | | | |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB RESULT LOCATION DEPTH DEPTH UNIT VALIDATION DETECTION END CODE LIMIT CODE SAMPLE NUMBER START CAS NO RESULT UNITS QUALIFIER QUALIFIER Analyte 46693 BH40728AE ACENAPHTHYLENE 208-96-8 15 FT 330 390 ug/Kg | U BH40742AE ACENAPHTHYLENE 46793 15 FT 208-96-8 8 330 390 ug/Kg | U IV 46893 ACENAPHTHYLENE BH40807AE 6 12 FT 208-96-8 330 350 ug/Kg | U īV ACENAPHTHY! ENE 46993 BH40770AF 13 FT 208-96-8 330 390 ug/Kg | U 42193 BH40086AF 10 16 FT ACENAPTHENE 183-32-9 410 410 ug/Kg | U 42193 BH40091AE 16 22 FT ACENAPTHENE 83-32-9 410 410 ug/Kg U 42193 BH40430AE 22 28 FT ACENAPTHENE 83-32-9 400 400 ug/Kg U ĪV 42193 BH40433AE 31 FT ACENAPTHENE 28 83-32-9 400 400 ug/Kg |U 11 FT ACENAPTHENE 42293 BH40256AE 6 83-32-9 400 400 ug/Kg | U IJ 42293 BH40258AE ACENAPTHENE 11 83-32-9 400 īV 400 ug/Kg U ACENAPTHENE 42593 BH40450AE 10 F7 . 8 83-32-9 380 380 ug/Kg ¦U īV 42593 BH40290AE 10 ACENAPTHENE 17 FT 83-32-9 390 390 ug/Kg | U IJ 43393 BH40324AE 13 FT ACENAPTHENE 8 83-32-9 390 390 ug/Kg U IV 46593 BH40713AF 11 16 FT ACENAPTHENE 83-32-9 330 390 ug/Kg U īv 390 ug/Kg (U 46693 BH40728AE 9 15 FT ACENAPTHENE 183-32-9 330 ACENAPTHENE 46793 BH40742AE 8 15 FT 83-32-9 330 390 ug/Kg iU 46893 BH40807AE 6 12 FT ACENAPTHENE 83-32-9 330 350 ug/Kg | U IV 46993 BH40770AF 7 13 FT ACENAPTHENE 183-32-9 330 390 ug/Kg | U IV 05193 BH00070AE ACETONE 10 67-64-1 12 11 ug/Kg J ĪĀ BH40125AE ACETONE 40393 6 6 F 67-64-1 12 IV 14 ug/Kg 40393 BH40125AE 6 6 FT ACETONE 167-64-1 12 14 ug/Kg īV 40793 BH40161AE 10 10 FT ACETONE 67-64-1 12 13 ug/Kg U IJ 40893 BH40029AE 7 FT ACETONE 67-64-1 10 16 ug/Kg | U IJ 40993 BH40205AF 9 10 FT 67-64-1 ACETONE 11 13 ug/Kg īv 67-64-1 40993 BH40208AE 31 31 FT ACETONE 12 V 15 ug/Kg 67-64-1 41193 BH40051AF 6 6 F ACETONE 11 13 ug/Kg 41193 BH40053AE 10 10 FT ACETONE 67-64-1 17 ug/Kg 13 ĪV 41293 BH40198AF 6 6 FT ACETONE 67-64-1 12 12 ug/Kg iU IJ 8 FT 41593 BH40216AE ACETONE 67-64-1 12 īv 12 ug/Kg |U 41693 BH40219AE 6 6 F ACETONE 67-64-1 14 29 ug/Kg U 1.1 41693 BH40221AE 10 10 F 7 ACETONE 67-64-1 11 32 ug/Kg U IJ 41693 BH40223AE 17 17 FT ACETONE 67-64-1 12 38 ug/Kg | U IJ BH40104AE 42093 6 6 FT ACETONE 67-64-1 12 35 ug/Kg í۷ 42193 BH40437AF 6 6 FT ACETONE 67-64-1 11 11 ug/Kg U īV 42193 BH40090AE 10 10 FT ACETONE 167-64-1 12 12 ug/Kg U 42293 BH402554F 7 RIFT ACETONE 67-64-1 10 51 ug/Kg J 42293 BH40257AE 11 11 FT ACETONE 67-64-1 42 ug/Kg IJ 42393 BH40263AF 6 6 FT ACETONE 67-64-1 10 43 ug/Kg 42393 BH40265AE 10 ACETONE 10 FT 67-64-1 12 12 ug/Kg U 42493 BH40289AE 10 10 FT ACETONE 67-64-1 12 31 ug/Kg | U IJ 42593 BH40294AE 10 10!FT ACETONE 67-64-1 12 120 ug/Kg |B ١V 42993 BH40147AE 14 14 FT ACETONE 67-64-1 12 12 ug/Kg |U ĪV 43193 BH40308AE 6 6'F1 ACETONE 67-64-1 10 10 ug/Kg U J 43393 BH40331AE 9 FT ACETONE 9 67-64-1 12 12 ug/Kg U ĪV 43493 BH40323AE 10 10 FT ACETONE 67-64-1 11 84 ug/Kg V 43693 RH40342AF 6 6 FT ACETONE 67-64-1 11 ug/Kg U 43693 RH40344AF 9 10 FT ACETONE 67-64-1 11 11 ug/Kg U IV 13 FT 43693 BH40347AE 13 ACETONE 67-64-1 12 28 ug/Kg IV 43793 . BH40336AE 9 ACETONE 9 FT 67-64-1 11 ug/Kg U 11 IJ 43793 BH40339AE ACETONE 14 14 FT 67-64-1 12 12 ug/Kg |U IJ 6 43893 BH40072AE 6 FT ACETONE 67-64-1 11 17 ug/Kg U IJ 43893 BH40076AE 9 9 FT ACETONE 67-64-1 11 11 ug/Kg U TV 43893 BH40074AE 12 13 FT ACETONE 67-64-1 11 15 ug/Kg | U 43893 BH40077AE 15 15 FT ACETONE 67-64-1 61 61 ug/Kg U 43993 BH40360AE 16 17 FT ACETONE 67-64-1 13 16 ug/Kg (U 44093 BH40350AF 6 6 FT ACETONE 67-64-1 11 11 ug/Kg B īv 44093 BH40352AF 14 15 FT ACETONE 67-64-1 15 ug/Kg 44393 BH40037AF 10 10 FT ACETONE 67-64-1 13 11 ug/Kg J IA 44593 BH40004AE 10 ACETONE 40 ug/Kg U 10 FT 67-64-1 10 44593 BH40006AE 14 14 FT ACETONE 67-64-1 10 38 ug/Kg U 44893 BH40192AE ACETONE 67-64-1 13 13 ug/Kg (U V 44893 BH40195AE 12 12 FT ACETONE 67-64-1 11 11 ug/Kg U V 44893 BH40194AE 16 ACETONE 16 FT 67-64-1 12 12 ug/Kg |U V 45693 BH40373AE 9 ACETONE 9 FT 67-64-1 12 12 ug/Kg | U 45893 BH40381AE 9 10 FT ACETONE 67-64-1 11 11 ug/Kg U 46193 R BH40387AF RIFT ACETONE 67-64-1 12 23 ug/Kg U 46693 BH40719AF 6 6 F T ACETONE 67-64-1 10 35 ug/Kg IJ 46693 BH40727AF 14 15 FT ACETONE 67-64-1 10 17 ug/Kg 46893 BH40747AF 6 6 FT ACETONE 67-64-1 10 46 ug/Kg IJ 46893 BH40750AE 10 10 FT ACETONE 67-64-1 10 40 ug/Kg P208989 SEP1789BR0810 ACETONE 9 11|F 67-64-1 12 14 ug/Kg 1V ACETONE P208989 SEP1789BR1214 13 15 F 67-64-1 12 12|ug/Kg |U iV SEP1789BR1618 P208989 17 19 FT ACETONE 67-64-1 12 15 ug/Kg ĪV P209189 SEP1989BR0810 8 10 FT ACETONE 67-64-1 11 23 ug/Kg | B A

534

P209189

SEP1989BR1214

12

14 FT

ACETONE

67-64-1

24 ug/Kg B

| • | Tabl | e A.10 So | lar Evap | oration | Ponds AOC - Analytical Results for Su | bsurface Soil: | s Greater Thar | 6 Feet - Organics | | |
|--------------------|--------------------------------|-------------|-------------|-------------|---------------------------------------|-------------------------------|-----------------|--------------------------|----------------------------|-------------------------|
| LOCATION | | DEPTH | | 242 | Analyte | CAS NO | DETECTION LIMIT | RESULT UNITS | LAB RESULT QUALIFIER | VALIDATION QUALIFIER |
| P209189 | SEP1989BR1618 | 16 | 18 | FT | ACETONE | 67-64-1 | 12 | | | A |
| P209189 | SEP1989BR2021 | 20 | | | ACETONE ACETONE | 167-64-1 167-64-1 | 12 | | | IV IA |
| P209189 | SEP1989BR2223 | 16 | | | ACETONE | 67-64-1 | 12 | | | A |
| P209889 | SEP2689BR0810 | 8 | | | ACETONE | j67-64-1 | 13 | | | V |
| | SEP2689BR1214 | 12 | | | ACETONE | 67-64-1 | 13 | | | V |
| P210189 | SEP3089BR1214 SEP3089BR2022 | 13 | | | ACETONE | 67-64-1 67-64-1 | 1200 1400 | | | A A |
| P210189 | SEP3089BR2426 | 25 | | | ACETONE | 67-64-1 | 1500 | | | A |
| | SEP3189BR0810 | 8 | . 10 | FT | ACETONE | 67-64-1 | 12 | | Ū | V |
| | SEP3189BR1214 | 12 | | | ACETONE | 67-64-1 | 12 | | | A |
| | SEP3189BR1618 BH40086AE | 16 | | | ACETONE | 67-64-1 309-00-2 | 12 9.8 | 6 ug/Kg 9.8 ug/Kg | | Å. |
| 42193 | BH40091AE | 16 | · | | ALDRIN | 309-00-2 | 9.9 | | | v |
| 42193 | BH40430AE | 22 | | | ALDRIN | 309-00-2 | 9.6 | | | V |
| 42193 | BH40433AE BH40256AE | 28 6 | | | ALDRIN | 309-00-2 | 9.6 9.7 | | | V V |
| 42293 | BH40258AE | 11 | | | ALDRIN | 309-00-2 | 9.7 | | | V |
| 42593 | BH40450AE | 8 | · | | ALDRIN | 309-00-2 | 9.2 | | | V |
| | BH40290AE | 10 | | | ALDRIN | 309-00-2 | 9.3 | | | J |
| 43393 46593 | BH40324AE BH40713AE | 11 | | | ALDRIN ALDRIN | 309-00-2 309-00-2 | 9.4 | | | V V |
| 46693 | BH40713AE | 9 | | | ALDRIN | 309-00-2 | 8 | | | V |
| 46793 | BH40742AE | 8 | 15 | FT | ALDRIN | 309-00-2 | 8 | | U | V |
| 46893 | BH40807AE | 6 | | | ALDRIN | 309-00-2 | 8 | | | V |
| 46993 42193 | BH40770AE BH40086AE | ! 7 10 | | | ALDRIN ALPHA-BHC | 309-00-2 319 -8 4-6 | 8 9.8 | | | V V |
| 42193 | BH40091AE | 16 | | | ALPHA-BHC | 319-84-6 | 9.9 | | | v |
| 42193 ⁻ | BH40430AE | 22 | | FT | ALPHA-BHC | 319-84-6 | 9.6 | | | V |
| 42193 | BH40433AE | 28 | | | ALPHA-BHC | 319-84-6 | 9.6 | | | ĮV |
| 42293 42293 | BH40256AE BH40258AE | 11 | | | ALPHA-BHC ALPHA-BHC | 319-84-6 319-84-6 | 9.7 9.7 | | | V V |
| 42593 | BH40450AE | 8 | | | ALPHA-BHC | 319-84-6 | 9.2 | | | V |
| | BH40290AE | 10 | 17 | | | 319-84-6 | 9.3 | | U | J |
| 43393 | BH40324AE | 8 | <u> </u> | | | 319-84-6 | 9.4 | | | V |
| 46593 46693 | BH40713AE BH40728AE | 11 | | | ALPHA-BHC ALPHA-BHC | 319-84-6 319-84-6 | 8 | | | V |
| | BH40742AE | 8 | | | | 319-84-6 | 8 | | | v |
| | BH40807AE | 6 | | | ALPHA-BHC | 319-84-6 | 8 | | | V . |
| 46993 42193 | BH40770AE BH40086AE | 10 | | | ALPHA-BHC ALPHA-CHLORDANE | 319-84-6 5103-71-9 | 8 98 | ~ | | V |
| 42193 | BH40091AE | 16 | | | ALPHA-CHLORDANE | 5103-71-9 | 90 | | | V |
| 42193 | BH40430AE | 22 | | | ALPHA-CHLORDANE | 5103-71-9 | 96 | | | v |
| 42193 | BH40433AE | 28 | <u> </u> | | ALPHA-CHLORDANE | 5103-71-9 | 96 | | | V |
| 42293 42293 | BH40256AE BH40258AE | 11 | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 97 97 | | | V V |
| 42593 | BH40450AE | 8 | | | ALPHA-CHLORDANE | 5103-71-9 | 92 | | | V |
| 42593 | BH40290AE | 10 | 17 | | ALPHA-CHLORDANE | 5103-71-9 | 93 | | | J |
| 48393. | BH40324AE | 8 | | | ALPHA-CHLORDANE | 5103-71-9 | 94 | | | V |
| 46593 46693 | BH40713AE BH40728AE | 11 | | | ALPHA-CHLORDANE ALPHA-CHLORDANE | 5103-71-9 5103-71-9 | 80 | | | V . |
| 46793 | BH40742AE | 8 | | | | 5103-71-9 | 80 80 | 95 ug/Kg 96 ug/Kg | | V |
| 46893 | BH40807AE | 6 | 12 | FT | ALPHA-CHLORDANE | 5103-71-9 | 80 | 85 ug/Kg | U | V |
| 46993 | BH40770AE | 7 | | | ALPHA-CHLORDANE | 5103-71-9 | 80 | 95 ug/Kg | | V |
| | BH40086AE BH40091AE | 10 | | | ANTHRACENE ANTHRACENE | 120-12-7 | 410 | 410 ug/Kg 410 ug/Kg | | V |
| | BH40430AE . | 22 | | | ANTHRACENE | 120-12-7 | 400 | | | V |
| 42193 | BH40433AE | 28 | 31 | FT | ANTHRACENE | 120-12-7 | 400 | 400 ug/Kg | U | V |
| 42293 42293 | BH40256AE BH40258AE | 6 | <u> </u> | | ANTHRACENE | 120-12-7 | 400 | | | J |
| | BH40258AE | 11 | | | ANTHRACENE ANTHRACENE | 120-12-7 120-12-7 | 400 380 | | | V V |
| | BH40290AE | 10 | | | ANTHRACENE | 120-12-7 | 390 | | | J |
| | BH40324AE | 8 | | | ANTHRACENE | 120-12-7 | 390 | 390 ug/Kg | U | V |
| | BH40713AE BH40728AE | 11 | | | ANTHRACENE ANTHRACENE | 120-12-7 | 330 | | | V |
| | BH40742AE | 9 | | | ANTHRACENE | 120-12-7 120-12-7 | 330) 330 | | | V V |
| 46893 | BH40807AE | 6 | | | ANTHRACENE | 120-12-7 | 330 | | | V |
| | BH40770AE | 7 | | | ANTHRACENE | 120-12-7 | 330 | 390 ug/Kg | U | V |
| | BH40086AE BH40091AE | 10 | | | AROCLOR-1016 AROCLOR-1016 | 12674-11-2 12674-11-2 | 98 | | | V |
| | BH40430AE | 22 | | | AROCLOR-1016 AROCLOR-1016 | 12674-11-2 | 99 | 99 ug/Kg 96 ug/Kg | | V V |
| 42193 | BH40433AE | 28 | 31 | FT | AROCLOR-1016 | 12674-11-2 | 96 | 96 ug/Kg | U | V |
| | BH40256AE | 6 | | | AROCLOR-1016 | 12674-11-2 | 97 | 97 ug/Kg | | V |
| | BH40258AE BH40450AE | 11 | | | AROCLOR-1016 AROCLOR-1016 | 12674-11-2 | 97) 92 | 97 ug/Kg 92 ug/Kg | | V V |
| +2000 | D: 140430AE | | | | ANOCLOR- IV IV | 120/4-11-2 | 92 | az ug/kg | U I | V |



Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB VALIDATION LOCATION DEPTH DEPTH UNIT DETECTION RESULT CODE CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER SAMPLE NUMBER START END CODE 93 BH40290AE 10 AROCLOR-1016 12674-11-2 93 ug/Kg U 42593 BH40324AE 13 FT AROCLOR-1016 12674-11-2 M 94 ug/Kg U IV 43393 8 46593 BH40713AE 16 FT AROCLOR-1016 12674-11-2 80 95 ug/Kg | U IV BH40728AE 15 FT AROCLOR-1016 12674-11-2 80 95 ug/Kg U V 46693 9 46793 BH40742AE 8 15 F AROCLOR-1016 12674-11-2 80 96 ug/Kg | U 46893 BH40807AE 6 12 FT AROCLOR-1016 12674-11-2 80 85 ug/Kg |U W 46993 BH40770AE 7 13 FT AROCLOR-1016 12674-11-2 80 95 ug/Kg |U īV 42193 BH40086AE 10 16 FT AROCLOR-1221 11104-28-2 98 98 ug/Kg U BH40091AE AROCLOR-1221 99 99 ug/Kg U 16 11104-28-2 IV 42193 22 FT AROCLOR-1221 96 ug/Kg |U BH40430AF 22 28 FT 11104-28-2 96 ĪV 42193 RH40433AF 28 AROCI OR-1221 96 42193 31 FT 11104-28-2 96 ug/Kg | U IV BH40256AF IAROCI OR-1221 11104-28-2 97 42293 6 11 FT 97 ug/Kg U īV 42293 BH40258AF 11 13 FT AROCLOR-1221 11104-28-2 97 97 ug/Kg |U IV 42593 BH40450AE 8 10 FT AROCLOR-1221 11104-28-2 92 92 ug/Kg |U W 42593 BH40290AE 10 17 FT AROCLOR-1221 11104-28-2 93 93 ug/Kg U Ī.ī 43393 BH40324AE 8 13 FT AROCLOR-1221 11104-28-2 94 94 ug/Kg U IV 46593 BH40713AE 16 FT AROCLOR-1221 11104-28-2 80 95 ug/Kg |U 11 īV 46693 BH40728AE AROCLOR-1221 11104-28-2 15 F 80 95 ug/Kg U 46793 BH40742AE 15 FT AROCLOR-1221 11104-28-2 96 ug/Kg U V 80 BH40807AE AROCLOR-1221 46893 6 12 FT 11104-28-2 80 85 ug/Kg |U 46993 BH40770AF 7 13 FT AROCLOR-1221 11104-28-2 80 95 ug/Kg |U AROCLOR-1232 42193 BH40086AE 10 16 FT 11141-16-5 98 98 ug/Kg (U N 42193 BH40091AE 16 22 FT AROCLOR-1232 11141-16-5 99 99 ug/Kg |U īV AROCLOR-1232 42193 BH40430AF 22 28 FT 96 96 ug/Kg U 11141-16-5 IV 42193 BH40433AF AROCLOR-1232 28 31/FT 11141-16-5 ίũ 96 96 ug/Kg U BH40256AF AROCLOR-1232 42293 6 11/FT 11141-16-5 97 97 ug/Kg |U IV 42293 BH40258AF 11 13 FT AROCLOR-1232 11141-16-5 97 97 ug/Kg |U ĨΫ 42593 BH40450AF 8 10 FT AROCLOR-1232 11141-16-5 92 92 ug/Kg U IV 42593 BH40290AF 10 17 FT AROCLOR-1232 11141-16-5 93 93 ug/Kg U 43393 BH40324AE 13 FT AROCLOR-1232 11141-16-5 94 94 ug/Kg !U 8 IV 46593 BH40713AE 16 FT AROCLOR-1232 11141-16-5 80 95 ug/Kg U 46693 BH40728AE 15 FT AROCLOR-1232 11141-16-5 9 80 95 ug/Kg U 46793 BH40742AE 8 15 F T AROCLOR-1232 11141-16-5 80 96 ug/Kg |U V 46893 BH40807AE 6 12 FT AROCLOR-1232 11141-16-5 80 85 ug/Kg |U ĪV BH40770AE 46993 13 FT AROCLOR-1232 11141-16-5 80 95 ug/Kg | U Īν 16 FT AROCLOR-1242 42193 BH40086AE 10 53469-21-9 98 īv 98 ug/Kg U 42193 BH40091AE AROCLOR-1242 16 22 FT 53469-21-9 99 99 ug/Kg |U V BH40430AE AROCLOR-1242 42193 22 28 FT 153469-21-9 96 96 ug/Kg | U IV 42193 BH40433AF 28 31 FT AROCLOR-1242 53469-21-9 96 96 ug/Kg |U V 42293 AROCLOR-1242 BH40256AF 6 11 FT 53469-21-9 97 97 ug/Kg U W 42293 BH40258AF 11 13 FT AROCLOR-1242 53469-21-9 97 97 ug/Kg U IV 42593 BH40450AF 8 10 FT AROCLOR-1242 53469-21-9 92 92 ug/Kg U īV 42593 BH40290AE 10 17:FT AROCLOR-1242 53469-21-9 93 93 ug/Kg U 43393 BH40324AE 8 13 FT AROCLOR-1242 53469-21-9 94 94 ug/Kg U N 46593 BH40713AE 16|FT AROCLOR-1242 53469-21-9 11 80 95 ug/Kg U 46693 BH40728AE AROCLOR-1242 9 15|F 53469-21-9 80 95 ug/Kg U BH40742AE 15 FT AROCLOR-1242 46793 8 53469-21-9 80 96 ug/Kg | U AROCLOR-1242 46893 BH40807AE 12 FT 6 53469-21-9 80 85 ug/Kg U V 46993 BH40770AE 13 FT AROCLOR-1242 53469-21-9 80 V 95 ug/Kg (U 42193 BH40086AE 10 16 FT AROCLOR-1248 12672-29-6 98 Ñ 98 ug/Kg |U BH40091AE AROCLOR-1248 42193 22 FT 16 12672-29-6 99 99 ug/Kg |U N BH40430AF AROCLOR-1248 42193 28 FT 22 12672-29-6 96 96 ug/Kg (U TV 42193 BH40433AF 28 AROCLOR-1248 31 FT 12672-29-6 96 96 ug/Kg |U IV BH40256AF AROCLOR-1248 42293 6 11 FT 12672-29-6 97 97 ug/Kg U V 42293 BH40258AF 11 13 FT AROCLOR-1248 12672-29-6 97 97 ug/Kg U IV 42593 BH40450AF 8 10:FT AROCLOR-1248 12672-29-6 92 92 ug/Kg |U V 42593 BH40290AE 10 17 FT AROCLOR-1248 12672-29-6 93 93 ug/Kg |U 43393 BH40324AE 13 FT AROCLOR-1248 94 V 8 12672-29-6 94 ug/Kg |U 46593 BH40713AE 16 FT AROCLOR-1248 12672-29-6 80 95 ug/Kg | U BH40728AE 15 FT AROCLOR-1248 46693 9 12672-29-6 80 95 ug/Kg |U 46793 BH40742AE 8 15 F AROCLOR-1248 12672-29-6 80 96 ug/Kg |U V 46893 BH40807AE 6 12 FT AROCLOR-1248 V 12672-29-6 80 85 ug/Kg jU 46993 BH40770AE 13 FT AROCLOR-1248 12672-29-6 80 95 ug/Kg | U IV 42193 BH40086AE 10 16 FT AROCLOR-1254 11097-69-1 200 200 ug/Kg |U V BH40091AE AROCLOR-1254 22 FT 42193 16 11097-69-1 200 200 ug/Kg jU V AROCLOR-1254 42193 BH40430AE 28 FT 190 22 11097-69-1 190 ug/Kg | U IV BH40433AF 28 AROCLOR-1254 11097-69-1 42193 31|FT 190 190 ug/Kg U V 42293 BH40256AF AROCLOR-1254 6 11 FT 11097-69-1 190 190 ug/Kg | U IV AROCLOR-1254 42293 BH40258AF 11 13 FT 11097-69-1 190 190 ug/Kg | U AROCLOR-1254 BH40450AF 42593 R 10 FT 11097-69-1 180 180 ug/Kg | U IV 42593 BH40290AE 10 17 FT AROCLOR-1254 11097-69-1 190 190 ug/Kg | U 43393 BH40324AE 8 13 FT AROCLOR-1254 11097-69-1 190 190 ug/Kg | U 46593 BH40713AE 11 16 FT AROCLOR-1254 11097-69-1 160 190 ug/Kg U īV 46693 BH40728AE AROCLOR-1254 11097-69-1 15 FT 160 190 ug/Kg U BH40742AE 15 FT AROCLOR-1254 8 11097-69-1 160 190 ug/Kg U

536:

| | Table | e A.10 Sc | lar Evaporation l | Ponds AOC - Analytical Results for Sul | osurface Soil | s Greater Than | 6 Feet - Organ | | |
|----------------|------------------------|-----------|-------------------|---|--------------------------|----------------|------------------------|---------------------------------------|------------|
| LOCATION | | DEBTH | DEPTH UNIT | | | DETECTION | | LAB | VALIDATION |
| CODE | SAMPLE NUMBER | | | Analyte | CAS NO | | RESULT UNIT | | |
| 46893 | BH40807AE | 6 | | AROCLOR-1254 | 11097-69-1 | 160 | 170 ug/K | ı U | V |
| 46993 | BH40770AE | 7 | | | 11097-69-1 11096-82-5 | 160 200 | | | IV IV |
| 42193 42193 | BH40086AE BH40091AE | 10 | | | 11096-82-5 | 200 | 200 ug/K | | V |
| 42193 | BH40430AE | 22 | | | 11096-82-5 | 190 | 190 ug/K | | V |
| 42193 | BH40433AE | 28 | | | 11096-82-5 | 190 | 190 ug/Kg | | ;V |
| 42293 | BH40256AE | 6 | | AROCLOR-1260 | 11096-82-5 | 190 | | | V |
| 42293 42593 | BH40258AE BH40450AE | 11 8 | | AROCLOR-1260 AROCLOR-1260 | 11096-82-5 11096-82-5 | . 190 180 | 190 ug/Kg 180 ug/Kg | | V |
| 42593 | BH40290AE | 10 | | | 11096-82-5 | 190 | 190 ug/Kg | U | j |
| 43393 | BH40324AE | 8 | | | 11096-82-5 | 190 | 190 ug/K | | V |
| 46593 | BH40713AE | 11 | | | 11096-82-5 | 160 160 | 190 ug/Kg 190 ug/Kg | | V |
| 46693 46793 | BH40728AE BH40742AE | 9 | | | 11096-82-5 11096-82-5 | 160 | 190/ug/Kg | | V |
| 46893 | BH40807AE | 6 | | | 11096-82-5 | 160 | 170 ug/K | | V |
| 46993 | BH40770AE | 7 | | AROCLOR-1260 | 11096-82-5 | 160 | 190 ug/K | | V |
| 05093 | BH00065AE | 10 | | | 71-43-2 | 6 | | · · · · · · · · · · · · · · · · · · · | IV |
| 05193 05193 | BH00068AE BH00070AE | 6 10 | | | 71-43-2 71-43-2 | 6 6 | | | V |
| 05193 | BH00085AE | 14 | | | 71-43-2 | 6 | | ····· | iv |
| 05393 | BH00078AE | 6 | 6 FT | BENZENE | 71-43-2 | 6 | 6 ug/K | U | iv . |
| 05393 | BH00080AE | 8 | | | 71-43-2 | 6 | 6 ug/Kg | | V |
| 40093 40293 | BH40171AE BH40120AE | 10 6 | | BENZENE BENZENE | 71-43-2 71-43-2 | 30 | 30 ug/Kg 6 ug/Kg | | V |
| 40293 | BH40120AE | 6 | | | 71-43-2 | 6 | 6 ug/Kg | | ∤V V |
| 40393 | BH40125AE | 6 | | | 71-43-2 | 6) | | | V |
| 40393 | BH40125AE | 6 | | *************************************** | 71-43-2 | 6 | | | V |
| 40793 · | BH40161AE | 10 | | | 71-43-2 | 6 | | | IV IV |
| 40893 40993 | BH40029AE BH40205AE | 9 | | | 71-43-2 71-43-2 | 5 6 | 6 ug/Kg 6 ug/Kg | | V · |
| 40993 | BH40208AE | 31 | | | 71-43-2 | 6 | 6 ug/K | | v |
| 41193 | BH40051AE | 6 | | | 71-43-2 | 5 | | | ÍV |
| 41193 | BH40053AE | 10 | | BENZENE | 71-43-2 | 7 | | | IV. |
| ¥1293 41593 | BH40198AE BH40216AE | 6 7 | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 | 6 ug/Ko 6 ug/Ko | | IV IV |
| 41693 | BH40219AE | 6 | | | 71-43-2 | 7 | 7 ug/Kg | | V |
| 41693 | BH40221AE | 10 | 10 FT | | 71-43-2 | 6 | | U | V |
| 41693 | BH40223AE | 17 | | L | 71-43-2 | . 6 | | | V |
| 41993 42093 | BH40066AE BH40104AE | 10 6 | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 | | | V V |
| 42193 | BH40437AE | 6 | | | 71-43-2 | 5 | | | V |
| 42193 | BH40090AE | 10 | 10 FT | | 71-43-2 | 6 | 6 ug/Kg | | V |
| 42293 | BH40255AE | 7 | | | 71-43-2 | 5 | 5 ug/Ko | | J |
| 42293 42393 | BH40257AE BH40263AE | 11 | · | | 71-43-2 71-43-2 | 6 5 | 6 ug/Kg 5 ug/Kg | | \ <u>\</u> |
| 42393 | BH40265AE | 10 | | | 71-43-2 | 6 | | | V |
| 42493 | BH40289AE | 10 | | | 71-43-2 | 6 | | | V |
| 42593 | BH40294AE | 10 | | | 71-43-2 | 6 | | | V |
| 42993 42993 | BH40142AE | 9 | | | 71-43-2 | 7 | | | V |
| 43193 | BH40147AE BH40308AE | 14 | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 5 | | | V |
| 43393 | BH40331AE . | 9 | | | 71-43-2 | 6 | 6 ug/K | i lu | V |
| 43493 | BH40323AE | 10 | 10 FT | BENZENE | 71-43-2 | 6 | 6 ug/Kg | ı Ju | V |
| 43693 | BH40342AE | 6 | | | 71-43-2 | 5 | | | V |
| 43693 43693 | BH40344AE BH40347AE | 9 | | | 71-43-2 71-43-2 | . 6 | | | V |
| 43793 | BH40336AE | 9 | | | 71-43-2 | 5 | | | v |
| 43793 | BH40339AE | 14 | 14 FT | BENZENE | 71-43-2 | - 6 | 6 ug/Ko | Ū | V |
| 43893 | BH40072AE | 6 | | | 71-43-2 | 6 | | | V. |
| 43893 43893 | BH40076AE BH40074AE | 9 12 | | | 71-43-2 71-43-2 | 6 5 | 6 ug/Kg 5 ug/Kg | | V V |
| 43893 | BH40077AE | 15 | | | 71-43-2 | 31 | | | V |
| 43993 | BH40360AE | 16 | | | 71-43-2 | 7 | 7 ug/Kg | i lu | V |
| 44093 | BH40350AE | 6 | | | 71-43-2 | 6 | 6 ug/Kg | | V |
| 44093 44393 | BH40352AE BH40037AE | 14 | | | 71-43-2 71-43-2 | 6 | | | IV IV |
| 44593 | BH40004AE | 10 | | | 71-43-2 | 6 5 | | | V |
| 44593 | BH40006AE | 14 | | | 71-43-2 | 5 | | | v |
| 44893 | BH40189AE | 6 | | | 71-43-2 | 6 | 6 ug/Kg | | V |
| 44893 44893 | BH40192AE BH40195AE | 7 | | | 71-43-2 | 6 | | | V W |
| 44893 | BH40195AE BH40194AE | 12 16 | | | 71-43-2 71-43-2 | 6 | 6 ug/Kg 6 ug/Kg | | IV IV |
| 45693 | BH40373AE | 9 | | | 71-43-2 | 6 | | | v |
| 45893 | BH40381AE | 9 | | | 71-43-2 | 5 | 5 ug/Kg | | V |
| 46193 | BH40387AE | 8 | 8 FT | BENZENE | 71-43-2 | 6 | 6 ug/K | ı JU | V |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAR LOCATION DEPTH DEPTH UNIT RESULT VALIDATION DETECTION CODE SAMPLE NUMBER RESULT UNITS QUALIFIER START END CODE CAS NO LIMIT QUALIFIER Analyte BH40704AF BENZENE 71-43-2 46593 7.FT 6 ug/Kg U 6 5 BH40712AF 46593 10 10 FT BENZENE 71-43-2 5 6 ug/Kg (U 46693 BHAN719AF 6 6 FT RENZENE 71-43-2 5 6 ug/Kg |U 46693 BH40727AF 14 15 FT BENZENE 71-43-2 5 6 ug/Kg U 46793 BH407334F 6 6 F T BENZENE 71-43-2 5 6 ug/Kg !U 11/ 46793 BH40741AE BENZENE 71-43-2 8 8 FT 6 ug/Kg ¡U 46893 BH40747AE 6 6 FT **RENZENE** 71-43-2 6 ug/Kg U BH40750AE BENZENE 5 ug/Kg |U 6 ug/Kg |U 46893 10 10 F 71-43-2 BH40755AE 12 12 FT BENZENE 171-43-2 6 ug/Kg IU 46993 BH40769AE 7 F BENZENE 71-43-2 11|FT 6 ug/Kg |U P208989 SEP1789BR0810 9 BENZENE 71-43-2 iV 6 P208989 SEP1789BR1214 15 FT BENZENE 6 ug/Kg U 6 ug/Kg U 13 71-43-2 6 P208989 SEP1789BR1618 BENZENE 17 19 FT 71-43-2 6 i۷ BENZENE P209189 SEP1989BR0810 8 10 FT 171-43-2 5 5 ug/Kg U IV 6 ug/Kg U P209189 SEP1989BR1214 BENZENE 12 14 FT 71-43-2 6 W P209189 SEP19898R1618 16 18 FT BENZENE 71-43-2 6 6 ug/Kg |U IV P209189 SEP1989BR2021 20 21 FT RENZENE 71-43-2 6 ug/Kg U 6 P209189 SEP1989BR2223 22 23 FT BENZENE 71-43-2 6 ug/Kg U īv P209489 SEP2289BR0810 BENZENE 8 10 FT 71-43-2 6 ug/Kg U P209489 SEP2289BR1618 BENZENE 6 ug/Kg iU 18 F 71-43-2 6 P209489 SEP2289BR2022 20 22 F BENZENE 71-43-2 6 6 ug/Kg | U V P209889 SEP2689BR0810 8 10 F BENZENE 6 ug/Kg U 71-43-2 6 P269889 SEP2689BR1214 12 13 FT BENZENE 71-43-2 6 6 ug/Kg |U īV P210189 SEP3089BR0810 9 FT BENZENE 690 9 71-43-2 690 ug/Kg | U īv SEP3089BR1214 P210189 13 RENZENE 14 FT 71-43-2 610 610 ug/Kg U IV P210189 SEP3089BR1618 17 19 FT RENZENE 71-43-2 690 690 ug/Kg U P210189 SEP3089BR2022 211 23 FT BENZENE 71-43-2 690 690 ug/Kg | U īV P210189 SEP3089BR2426 25 27 FT BENZENE 71-43-2 740 740 ug/Kg U SEP3189BR0810 P210289 8 10 FT BENZENE 71-43-2 6 ug/Kg U P210289 SEP3189BR1214 12 14 FT BENZENE 71-43-2 6 ug/Kg U P210289 SEP3189BR1618 6 ug/Kg U 16 18 F BENZENE 71-43-2 6 īV 42193 BH40086AE BENZO(A)ANTHRACENE 10 16 F 56-55-3 410 410 ug/Kg U iV BH40091AE 42193 16 22 F BENZO(A)ANTHRACENE 56-55-3 410 410 ug/Kg | U 42193 BH40430AE 22 28 FT BENZO(A)ANTHRACENE 56-55-3 400 ug/Kg U 400 īv 42193 BH40433AE 28 31|FT BENZO(A)ANTHRACENE 156-55-3 400 400 ug/Kg |U īV 42293 BH40256AE BENZO(A)ANTHRACENE 6 11 FT 56-55-3 400 400 ug/Kg U 42293 BH40258AF 11 13 FT BENZO(A)ANTHRACENE 56-55-3 400 400 ug/Kg U 42593 BH40450AE 8 10 FT BENZO(A)ANTHRACENE 56-55-3 380 380 ug/Kg | U 42593 BH40290AE 10 17 FT BENZO(A)ANTHRACENE 56-55-3 390 390 ug/Kg | U 43393 BH40324AE 8 13 FT BENZO(A)ANTHRACENE 56-55-3 390 390 ug/Kg | U 46593 BH40713AE 11 16 F BENZO(A)ANTHRACENE 56-55-3 330 390 ug/Kg |U BENZO(A)ANTHRACENE 46693 BH40728AE 9 15 FT 56-55-3 330 390 ug/Kg | U īv BH40742AE 46793 15 F BENZO(A)ANTHRACENE 56-55-3 330 390 ug/Kg | U īv 46893 BH40807AE 6 12 FT BENZO(A)ANTHRACENE 56-55-3 330 350 ug/Kg | U īV 46993 BH40770AF 13 FT BENZO(A)ANTHRACENE 56-55-3 330 390 ug/Kg (U iV 42193 BH40086AE 10 BENZO(A)PYRENE 16 FT 50-32-8 410 410 ug/Kg | U V BENZO(A)PYRENE 42193 BH40091AE 16 22 FT 150-32-8 410 410 ug/Kg | U W BENZO(A)PYRENE 42193 BH40430AE 28 F T 22 50-32-8 400 400 ug/Kg [U BENZO(A)PYRENE 42193 BH40433AE 28 31 FT 50-32-8 400 400 ug/Kg U v 42293 BH40256AF 6 11 FT BENZO(A)PYRENE 50-32-8 400 400 ug/Kg | U 42293 BH40258AF 11 13 FT BENZO(A)PYRENE 50-32-8 400 400 ug/Kg | U 42593 BH40450AF 10 FT BENZO(A)PYRENE 8 50-32-8 380 380 ug/Kg U 42593 BH40290AE 10 BENZO(A)PYRENE 390 ug/Kg U 17 F 50-32-8 390 IJ 43393 BH40324AE BENZO(A)PYRENE 8 13 F 50-32-8 390 390 ug/Kg U IV BH40713AE BENZO(A)PYRENE 46593 11 16 F 50-32-8 330 390 ug/Kg | U 46693 BH40728AE 15 FT BENZO(A)PYRENE 9 50-32-8 330 390 ug/Kg U iV 46793 BH40742AE 15 FT BENZO(A)PYRENE 8 50-32-8 330 390 ug/Kg | U 46893 BH40807AF BENZO(A)PYRENE 6 12 F 50-32-8 330 350 ug/Kg | U īV BENZO(A)PYRENE 46993 BH40770AE 13 F 50-32-8 330 390 ug/Kg | U TV BENZO(B)FLUORANTHENE 205-99-2 42193 BH40086AE 10 16 FT 410 410 ug/Kg | U īv 42193 BH40091AF 16 22 FT BENZO(B)FLUORANTHENE 205-99-2 410 410 ug/Kg U 205-99-2 42193 BH40430AF 22 28 FT BENZO(B)FLUORANTHENE 400 400 ug/Kg | U 42193 31 FT BH40433AF 28 BENZO(B)FLUORANTHENE 205-99-2 400 400 ug/Kg |U 11 FT 42293 BH40256AE BENZO(B)FLUORANTHENE 400 ug/Kg U 6 205-99-2 400 IJ 42293 BH40258AE BENZO(B)FLUORANTHENE 11 13 F 205-99-2 400 400 ug/Kg JU IJ 42593 BH40450AE BENZO(B)FLUORANTHENE 205-99-2 380 ĪV 380 ug/Kg | U 42593 BH40290AE 10 17 F BENZO(B)FLUORANTHENE 205-99-2 390 390 ug/Kg | U ijJ 43393 BH40324AE 13 FT BENZO(B)FLUORANTHENE 8 205-99-2 390 390 ug/Kg (U IV 46593 BH40713AE 11 16 FT BENZO(B)FI LIORANTHENE 205-99-2 330 390 ug/Kg | U īv BH40728AE 46693 BENZO(B)FLUORANTHENE 15 FT 9 205-99-2 330 390 ug/Kg | U īv 46793 BENZO(B)FLUORANTHENE BH40742AE 8 15 FT 205-99-2 330 390 ug/Kg U īV 46893 BH40807AE BENZO(B)FLUORANTHENE 6 12 F 205-99-2 330 350 ug/Kg |U 46993 BH40770AE 13 FT BENZO(B)FLUORANTHENE 205-99-2 330 390 ug/Kg | U Īν 42193 RHADORGAE 10 16 FT BENZO(GHI)PERYLENE 191-24-2 410 410 ug/Kg | U

538

42193

BH40091AE

16

22 FT

191-24-2

410

410 ug/Kg |U

V

BENZO(GHI)PERYLENE

| • | Tabl | e A.10 So | lar Evapo | oration | Ponds AOC - Analytical Results for | Subsurface Soil | s Greater Than | 6 Feet - C | rganics | : | |
|----------------|--------------------------|-----------|--------------|-------------|--|----------------------|-------------------------|----------------|----------------------|-------------------------|---------------------------------------|
| LOCATION | | DEPTH | *** | 3000 | | 1 y 5, | | 7,7 | 19411100 | LAB | |
| CODE | SAMPLE NUMBER | | DEPTH | | Analyte | CAS NO | DETECTION | DEC: n T | LIMITO | RESULT QUALIFIER | VALIDATION |
| 42193 | BH40430AE | 22 | 28 | | BENZO(GHI)PERYLENE | 191-24-2 | 400 | | **** | grandeline and when the | QUALIFIER V |
| 42193 | BH40433AE | 281 | | | BENZO(GHI)PERYLENE | 191-24-2 | 400 | | | | v · |
| 42293 | BH40256AE BH40258AE | 11 | 11 | | BENZO(GHI)PERYLENE | 1191-24-2 | 400 | | | U | |
| 42593 | BH40450AE | . 8 | | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 | 400 380 | | | U I | |
| 42593 | BH40290AE | 10 | 17 | | BENZO(GHI)PERYLENE | 191-24-2 | 390 | | | ~~~~ | <u>V</u> |
| 43393 | BH40324AE | 8 | 13 | | BENZO(GHI)PERYLENE | 191-24-2 | 390 | | | | |
| 46593 46693 | BH40713AE BH40728AE | 11 | 16 15 | | BENZO(GHI)PERYLENE | 191-24-2 | 330 | | | U ! | |
| | BH40742AE | 8 | 15 | | BENZO(GHI)PERYLENE BENZO(GHI)PERYLENE | 191-24-2 | 330 | | | ין ט יי | <u>V</u> |
| 46893 | BH40807AE | 6 | 12 | | BENZO(GHI)PERYLENE | 191-24-2 | 330 | | | U | |
| 46993 | BH40770AE | 7 | 13 | | BENZO(GHI)PERYLENE | 191-24-2 | 330 | | | Ü | |
| | BH40086AE BH40091AE | 10 16 | 16 22 | | BENZO(K)FLUORANTHENE | 207-08-9 | 410 | | | U i | |
| - | BH40430AE | 22 | 28 | | BENZO(K)FLUORANTHENE BENZO(K)FLUORANTHENE | 207-08-9 | 410 400 | | 0 0 1 | U I | |
| | BH40433AE | 28 | 31 | | BENZO(K)FLUORANTHENE | 207-08-9 | 400 | | | U I | |
| | BH40256AE | 6 | 11 | | BENZO(K)FLUORANTHENE | 207-08-9 | 400 | | | Ū , | - |
| | BH40258AE BH40450AE | 11 | 13 | | BENZO(K)FLUORANTHENE | 207-08-9 | 400 | | | U I. | J |
| | BH40290AE | 10 | 10 17 | | BENZO(K)FLUORANTHENE BENZO(K)FLUORANTHENE | 1207-08-9 | 380 | | | U N | |
| | BH40324AE | 8 | 13 | | BENZO(K)FLUORANTHENE | 207-08-9 | 390 390 | | | U (. U () | |
| · | BH40713AE | 11 | 16 | | BENZO(K)FLUORANTHENE | 207-08-9 | 330 | | | U | |
| | BH40728AE | 9) | 15 | | BENZO(K)FLUORANTHENE | 207-08-9 | 330 | 390 t | ug/Kg | Ū į\ | |
| | BH40742AE BH40807AE | 8 | 15 I | | BENZO(K)FLUORANTHENE | 207-08-9 | 330 | | | U I\ | |
| | BH40770AE | 7: | 13 1 | <u>.</u> | BENZO(K)FLUORANTHENE BENZO(K)FLUORANTHENE | 207-08-9 | 330 330 | | | U [\ | |
| | BH40256AE | 6 | 11 | ····· | BENZOIC ACID | 65-85-0 | 2000 | 2000 L | | U (\ U).J | |
| | BH40258AE | 11 | 13 | | BENZOIC ACID | 65-85-0 | 2000 | 2000 L | | U N | |
| | BH40324AE BH40713AE | 8 11 | 13 F | | BENZOIC ACID | 65-85-0 | 2000 | 2000) ເ | | J (\ | |
| - | BH40728AE | 9 | 15 6 | | BENZOIC ACID BENZOIC ACID | 65-85-0 65-85-0 | 1600 | 1900 L | | J (\ | |
| | BH40742AE | 8 | 15 F | | BENZOIC ACID | 65-85-0 | 1600 1600 | 1900 L | | J }∖ J ;V | |
| | BH40807AE | 6 | 12 F | | BENZOIC ACID | 65-85-0 | 1600 | 1700 u | | J | |
| | BH40770AE BH40256AE | 7 | 13 F | | BENZOIC ACID | 65-85-0 | 1600 | 1900 u | | | |
| | BH40258AE | 11 | 11 F | | BENZYL ALCOHOL BENZYL ALCOHOL | 100-51-6 | 400 | 400 u | | | |
| | BH40324AE | 8 | 13 F | | BENZYL ALCOHOL | 100-51-6 | 400 390 | 400 u | | | |
| | BH40713AE | 11; | 16 F | न । | BENZYL ALCOHOL | 100-51-6 | 330 | 390 u | | | |
| | BH40807AE BH40770AE | 6 | 12 F | | BENZYL ALCOHOL | 100-51-6 | 330 | 350 u | g/Kg L | J / V | |
| | BH40086AE | 10 | 13 F | | BENZYL ALCOHOL BETA-BHC | 100-51-6 | 330 | 390 u | | | |
| | BH40091AE | 16 | 22 F | | BETA-BHC | 319-85-7 | 9.8 | | g/Kg L g/Kg L | | · · · · · · · · · · · · · · · · · · · |
| | BH40430AE | 22 | 28 F | | BETA-BHC | 319-85-7 | 9.6 | 9.6 u | | | |
| | BH40433AE BH40256AE | 28 | 31 F | | BETA-BHC | 319-85-7 | 9.6 | 9.6 u | | | |
| | BH40258AE | 11 | 11 F | | BETA-BHC BETA-BHC | 319-85-7 | 9.7 | 9.7 u | | | |
| 42593 | BH40450AE | 8 | 10 F | | BETA-BHC | 319-85-7 319-85-7 | 9.7 _i 9.2 | 9.7 u 9.2 u | g/Kg L g/Kg L | | |
| | BH40290AE j | 10 | 17 F | | BETA-BHC | 319-85-7 | 9.3 | | g/Kg L | | i |
| | BH40324AE BH40713AE | 8 | 13 F | | BETA-BHC | 319-85-7 | 9.4 | 9.4 u | g/Kg L | | |
| 10000 | BH40728AE | 11 | 16¦F 15 F | | BETA-BHC BETA-BHC | 319-85-7 | 8 | 9.5 u | | | |
| 46793 | BH40742AE | 8 | 15 F | | BETA-BHC | 319-85-7 | 8j 8j | | g/Kg L g/Kg L | | |
| | BH40807AE | 6 | 12 F | T E | BETA-BHC . | 319-85-7 | 8 | | g/Kg L | | |
| | BH40770AE BH40086AE | 7 | 13 F | | BETA-BHC | 319-85-7 | 8 | 9.5 u | g/Kg L | i įv | |
| | BH40086AE | 10 | 16 F | | BETA-CHLORDANE BETA-CHLORDANE | 5103-74-2 | 98 | | g/Kg L | | |
| | 3H40086AE | 10 | 16 F | | BETA-CHLORDANE | 5103-74-2 | 98 | | g/Kg !L g/Kg L | | |
| | 3H40086AE | 10 | 16 F | T E | BETA-CHLORDANE | 5103-74-2 | 98 | | g/Kg lu | | |
| | 3H40091AE | 16 | 22 F | | SETA-CHLORDANE | 5103-74-2 | 99 | | g/Kg U | | |
| | 3H40091AE | 16 16 | 22 F 22 F | | BETA-CHLORDANE BETA-CHLORDANE | 5103-74-2 | 99 | | g/Kg U | | |
| ···· | 3H40091AE | 16 | 22 F | | ETA-CHLORDANE | 5103-74-2 | 99 | | g/Kg U | | |
| | 3H40430AE | 22 | 28 F | T E | ETA-CHLORDANE | 5103-74-2 | 96 | | g/Kg (U g/Kg (U | | |
| | 3H40430AE | 22 | 28 F | T E | ETA-CHLORDANE | 5103-74-2 | -96 | | /Kg U | | |
| | 3H40430AE 3H40430AE | 22 | 28 F | | ETA-CHLORDANE ETA-CHLORDANE | 5103-74-2 | 96 | | /Kg U | | |
| 42193. E | 3H40433AE | 28 | 31 F | | ETA-CHLORDANE | 5103-74-2 | 96 | | g/Kg U g/Kg U | | |
| | 3H40433AE | 28 | 31 F | r (8 | ETA-CHLORDANE | 5103-74-2 | 96 | | ykg U | | |
| | H40433AE | 28 | 31 F | | ETA-CHLORDANE | 5103-74-2 | 96 | | /Kg U | | |
| | 3H40433AE 3H40256AE | 28 6 | 31 F | | ETA-CHLORDANE ETA-CHLORDANE | 5103-74-2 | 96 | 96 ug | /Kg U | V | |
| | 3H40256AE | 6 | 11 F | | ETA-CHLORDANE ETA-CHLORDANE | 5103-74-2 | 97 ₁ | | /Kg U | | |
| 42293 B | 3H40256AE | 6 | 11 F | | ETA-CHLORDANE | 5103-74-2 | 97 | | /Kg U /Kg U | | |
| | H40256AE | 6 | 11 F | | ETA-CHLORDANE | 5103-74-2 | 97 | | /Kg U | | |
| -2233 B | 3H40258AE | 11 | 13 F | B | ETA-CHLORDANE | 5103-74-2 | 97 | 97 ug | /Kg U | įV | |

| | 08/Kg 08/Kg 08/Kg 08/Kg 08/Kg 08/Kg | 062 062 062 062 063 063 | 1-03-801 1-03-801 1-03-801 1-03-801 | BIS(S-CHLOROISOPROPYL)ETHER BIS(S-CHLOROISOPROPYL)ETHER BIS(S-CHLOROISOPROPYL)ETHER BIS(S-CHLOROISOPROPYL)ETHER | T= 6t T= at T= et | 8 6 8 | 3A51704H8 3A51704H8 3A82704H8 3A54704H8 | £6291 £6991 |
|---|--|--|---|--|---|---|---|--|
| C C C C C C C C C C C C C C C C C C C | 19/Kg 19/Kg 19/Kg 19/Kg | 060 060 060 060 060 060 | 1-03-801 1-03-801 | віз(2-снговоізоряоруг)етнев | 17 81 17 81 | 11 | BH40713AE | £699t |
| | 19/Kg 19/Kg 19/Kg 19/Kg | 06E 06E | 1-08-801 | | 11년 11년 | 11 | BH40713AE | £699t |
| C C C C C C C C C C C C C C C C C C C | ug/Kg Ng/Kg | 390 390 | | | 13/51 | | | |
| C C C C C C C C C C C C C C C C C C C | ug/Kg Ng/Kg | 390 390 | | | | | | 5655 |
| 0 0 0 | ug/Kg | | | BIS(2-CHLOROISOPROPYL)ETHER | 14/4 | 101 | BH40290AE | 12563 |
| C C C | ng/Kg | | 1-03-801 | BIS(2-CHLOROISOPROPYL)ETHER | | | - | |
| C C | | | | | | 8 | BH40450AE | 12593 |
| n n | | · · · · · · · · · · · · · · · · · · · | 1-03-801 | BIS(2-CHLOROISOPROPYL)ETHER | | 11 | BH40258AE | 42293 |
| n | U9/Kg | | 1-09-801 | BIS(2-CHLOROISOPROPYL)ETHER | 14 11 | 9 | BH40256AE | 42293 |
| | gX/gu | 900 | 1-03-801 | BIS(2-CHLOROISOPROPYL)ETHER | 1न/18 | 8Z | BH40433AE | 42193 |
| n | 6X/gu | 400 400 | 1-09-801 | BIS(2-CHLOROISOPROPYL)ETHER | 17 8Z | 22 | BH40430AE | \$51 8 3 |
| | 6×/6n | 017 | 1-09-801 | BIS(2-CHLOROISOPROPYL)ETHER | | 91 | BH40091AE | 42193 |
| n | 09/Kg | | 1-09-801 | BIS(2-CHLOROISOPROPYL)ETHER | | 01 | BH40086AE | 42193 |
| ni ni | 6≽/6n | | 1-19-111 | BIS(2-CHLOROETHOXY)METHANE | | 7 | | |
| | | | | | | | BH40770AE | £669¢ |
| <u></u> | 6X/6n | | 1-16-111 | BIS(2-CHLOROETHOXY)METHANE | | 9 | BH40807AE | £689t |
| <u> </u> | 63/6n | | 1-16-111 | BIS(2-CHLOROETHOXY)METHANE | | 8 | BH40742AE | £649t |
| n) | 6X/6n | 330 390 | 1-16-111 | BIS(2-CHLOROETHOXY)METHANE | 15 51 | 6 | BH40728AE | £699¢ |
| n! | DA/Rg | 330 390 | 1-16-111 | BIS(2-CHLOROETHOXY)METHANE | 14 PT | 11 | BH40713AE | £6593 |
| Λi | 6×/6n | 390 390 | 1-16-111 | BIS(2-CHLOROETHOXY)METHANE | 1461 | R | | 13383 |
| | | | ·/··· | | | | | 15263 |
| | | | | | | | | |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | ·• | | | | | 15293 |
| | | | | | | | BH40258AE | 12293 |
| U! | pX/pu | 000 | 1-16-111 | BIS(S-CHLOROETHOXY)METHANE | 14/11 | 9 | BH40256AE | £6221 |
| n(| 6X/6u | 007 | 1-16-111 | BIS(2-CHLOROETHOXY)METHANE | 31 FT | 82 | BH40433VE | 86121 |
| n | | | 1-16-111 | | | | | 15193 |
| | | | | | | | | 5183 |
| | | | | | | | | ····· |
| | | | ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | · | | 5612 |
| | | | | | | | | 2669 |
| | | | | | · | | BH40807AE | £6891 |
| <u> </u> | | | 5-55-111 | BIS(2-CHLORETHYL)ETHER | T-1 Gr | 8 | BH40742AE | E6291 |
| U | ng/Kg | 330 966 | 111-44-4 | BIS(2-CHLORETHYL)ETHER | TFIEL | 6 | BH40728AE | £6991 |
| n | 6x/6n | | 7-77-111 | | | | ,, | £6991 |
| | | | | | | | | 13363 |
| | | | | | | , | | ····· |
| | | | | | | | | 15283 |
| | | | | | | | ~~~~~ | 15 2 93 |
| | | | | BIS(2-CHLORETHYL)ETHER | | | BH40258AE | 12293 |
| <u></u> | pX/pu/(| 000 | 0-00- 111 | BIS(2-CHLORETHYL)ETHER | 14/11 | 9 | BH40256AE | . £6ZZt |
| n | DX/6n | 400 400 | p-pp-111 | BIS(2-CHLORETHYL)ETHER | 31/FT | 82 | BH40433AE | 15193 |
| ni | 6y/6n | 400 400 | - | | · | | | 42,193 |
| | | | | | | | | 12193 |
| | | | · | | | | | |
| | | | ~ * ~~~~~, | | | | · · · · · · · · · · · · · · · · · · · | 12193 |
| | | | | | | | | £669¢ |
| | | | 5-47-6018 | BETA-CHLORDANE | | | 3A01104H8 | £669t |
| n) | 63/6n | 6 08 | 5103-74-2 | BETA-CHLORDANE | 13 FT | 7 | BH407704H8 | £669t |
| Π | 6y/6n | 6 08 | Z-74-E019 | RETA-CHLORDANE | 1461 | 1 | · | £669t |
| | | | | | | | | £689t |
| | | | | | | | | |
| | | | - j | | | | , | £689t |
| | | | | | | | | £689t |
| | | | | BETA-CHLORDANE | 17 51 | 9 | 3AT0804H8 | £689t |
| n) | g/kgu | 96 108 | 5103-74-2 | BETA-CHLORDANE | 15 FT | 8 | BH40742AE | £6794 |
| Ωį | 6 ng/kg | 6 108 | 2-74-2019 | BETA-CHLORDANE | 1481 | 8 | BH4074ZAE | £619t |
| ····· | | | | | | · | <u></u> | 679 |
| | | | | | | | <u> </u> | £678t |
| ····· | | | | | | | ········· | |
| | | | | | | | | £699 <u>1</u> |
| | | | 5-47-5018 | BETA-CHLORDANE | THRF | 6 | BH40728AE | €6991 |
| n | gX/gu d | 6 08 | 2-47-5018 | BETA-CHLORDANE | THEF | 6 | BH40728AE | £699t |
| n | 6X/6n | | | | | *************************************** | | £6991 |
| | | | | | · | | ······································ | £6 9 91 |
| | | | | | | | | £6991 |
| | | | | | | | ····· | |
| | | ····· | | | | | | 86991 |
| | | | | | | | | £699t |
| | | | 5103-74-2 | BETA-CHLORDANE | TFIFT | 8 | BH40324AE | 56551 |
| n | BA/gu | r6 t6 | 5103-74-2 | BETA-CHLORDANE | TFIEL | 8 | BH40324AE | 13393 |
| n | f ng/Kg | r6 ir6 | 5103-74-2 | | | 8 | BH40354AE | 2393 |
| | | | | | | | | 66661 |
| | | | | | | | | 15293 |
| | | | | | | | | |
| | | | | | | | | 26921 |
| | | | | | | | | 26921 |
| | | | | | · | | BH40290AE | 12593 |
| n | By/gu | 36 Z6 | 2-74-5015 | BETA-CHLORDANE | 17 01 | 8 | BH40420VE | 15293 |
| | | | | | | | | 12593 |
| | | | | | | | | 15933 |
| | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | 15293 |
| | | | · | | | | | |
| | | | | | ······ | | | 15293 |
| | | | | | | | | 15593 |
| | | | 5103-74-2 | BETA-CHLORDANE | 13 51 | 11 | BH40258AE | 12293 |
| SI GUALIFII | TINU | | | elytenA | | SAME TO SERVICE STREET, | | CODE |
| RESUL | | | | | | | | LOCATION |
| | | | | | 4.4 | | | |
| 2000 | | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | 390 390 190kg 10 | 111-91-1 390 390 180 | 10 59,00 605 1-16-111 39N1-139(XON-1300-170-2):518 1-16-111 | Sydnose | 0 0,000 | Power Powe |



Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics RESULT UNITS QUALIFIER DETECTION DEPTH TINÙ, LOCATION DEPTH VALIDATION SAMPLE NUMBER START CAS NO CODE END CODE Analyte LIMIT QUALIFIER BIS(2-CHLOROISOPROPYL)ETHER 46893 BH40807AE 12 FT 108-60-1 330 350 ug/Kg IU BH40770AE 46993 7 13|FT BIS(2-CHLOROISOPROPYL)ETHER 108-60-1 330 390 ug/Kg | U BH40086AE BIS(2-ETHYLHEXYL)PHTHALATE 42193 10 16 FT 117-81-7 410 410 ug/Kg [U V 42193 BH40091AE 16 22 FT BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 410 410 ug/Kg | U īv 42193 IBH40430AF 22 28 FT BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 400 400 ug/Kg U īV 42193 BH40433AE 28 31|FT BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 400 400 ug/Kg U IJ 42293 BH40256AF 6 11 FT BIS(2-ETHYLHEXYL)PHTHALATE 400 ug/Kg U 117-81-7 400 IJ 42293 13 FT BH40258AE 11 BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 400 400 ug/Kg U iV 42593 BH40450AE BIS(2-ETHYLHEXYL)PHTHALATE 8 10 FT 117-81-7 380 Ī٧ 380 ug/Kg | U BH40290AE BIS(2-ETHYLHEXYL)PHTHALATE 42593 10 17 F 117-81-7 390 390 ug/Kg 1U J BH40324AE 43393 8 13 FT BIS(2-ETHYLHEXYL)PHTHALATE 1117-81-7 390 390 ug/Kg | U ١V 46593 BH40713AE 11 BIS(2-ETHYLHEXYL)PHTHALATE 16 FT 117-81-7 330 46 ug/Kg [J Α 46693 BH40728AE 9 15 FT BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 330 390 ug/Kg | U !V 46793 BH40742AE 8 15 FT BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 330 390 ug/Kg |U IV BH40807AF 46893 6 12 FT BIS(2-ETHYLHEXYL)PHTHALATE 117-81-7 330 350|ug/Kg |U iV BIS(2-ETHYLHEXYL)PHTHALATE 46993 BH40770AF 7 13 FT 117-81-7 330 390 ug/Kg ¦U 05093 BH00065AF 10 10 FT BROMODICHLOROMETHANE 75-27-4 6|ug/Kg {U 05193 BH00068AE 6 FT BROMODICHLOROMETHANE 6 ug/Kg IU 6 75-27-4 6 īv 05193 BH00070AE 10 10 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg [U ĺν 05193 BH00085AE BROMODICHLOROMETHANE 14 14 FT 75-27-4 6 6 ug/Kg | U īV BH00078AE 05393 6 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg | U īV 05393 BH00080AE 9 FT BROMODICHLOROMETHANE 75-27-4 6 V 6 ug/Kg | U 40093 BH40171AE 10 10 FT BROMODICHLOROMETHANE 75-27-4 30 30 ug/Kg |U ĪV 40293 BH40120AE 6 6FT BROMODICHLOROMETHANE 175-27-4 6 6 ug/Kg |U īv BH40120AE 40293 6 6 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg U īV 40393 BH40125AE 6 6 FT BROMODICHLOROMETHANE 75-27-4 6|ug/Kg |U 6 īV 6 ug/Kg | U 40393 BH40125AE 6 6 FT BROMODICHLOROMETHANE 75-27-4 īv 40793 BH40161AF 10 10 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg |U 40893 BH40029AE 7 FT BROMODICHLOROMETHANE 7 75-27-4 6 ug/Kg U IV 40993 BH40205AE BROMODICHLOROMETHANE 9 10 FT 75-27-4 6 6 ug/Kg |U ĪV 40993 BH40208AE BROMODICHLOROMETHANE 31 75-27-4 6 ug/Kg U 6 ΙV BH40051AE 41193 BROMODICHLOROMETHANE 75-27-4 5 5 ug/Kg U V BH40053AE 10 10 FT BROMODICHLOROMETHANE 75-27-4 7 7 ug/Kg | U IV 41293 BH40198AF 6 FT BROMODICHLOROMETHANE 6 75-27-4 6 6 ug/Kg | U ĪV 41593 BH40216AE 8 FT BROMODICHLOROMETHANE 175-27-4 6 īV 6|ug/Kg |U 41693 BH40219AE 6 FT BROMODICHI OROMETHANE 6 75-27-4 7¦ug/Kg |U īV 41693 BH40221AE 10 10 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg | U 41693 BH40223AE 17 17 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg U V 41993 BH40066AF 10 10 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg U ĪV 42093 BH40104AE 6 6 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg U V 42193 BH40437AF BROMODICHLOROMETHANE 6 6FT 75-27-4 5 5 ug/Kg | U V 42193 BH40090AE 10 BROMODICHLOROMETHANE 10 FT 75-27-4 6 6 ug/Kg |U BH40255AE 42293 8FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/Kg | U IJ BH40257AE 11 FT BROMODICHLOROMETHANE 11 75-27-4 6 6 ug/Kg U 42393 BH40263AE 6FT 6 BROMODICHLOROMETHANE 75-27-4 5 5 ug/Kg [U V 42393 BH40265AE 10 10 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg U 6 42493 BH40289AE 10 BROMODICHLOROMETHANE 10 FT 75-27-4 6 ug/Kg U 6 42593 BH40294AE 10 10 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg |U BH40142AF 42993 9 10 FT BROMODICHLOROMETHANE 75-27-4 7_iug/Kg (U ĪV 42993 BH40147AF 14 14 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg U 5 ug/Kg U IV 6FT 43193 BH40308AF 6 BROMODICHLOROMETHANE 75-27-4 43393 BH40331AE 9 9|F BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg U īV 43493 BH40323AE 10 BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg IU IV 43693 BH40342AE 6 6 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/Kg | U IV 43693 BH40344AE 10 FT BROMODICHLOROMETHANE 75-27-4 5 ug/Kg |U IV 43693 BH40347AB BROMODICHLOROMETHANE 13 13 FT 75-27-4 6 6 ug/Kg | U īV 43793 BH40336AE 9 9 FT BROMODICHI OROMETHANE 75-27-4 5 ug/Kg |U īv 43793 BH40339AE BROMODICHLOROMETHANE 14 FT 14 75-27-4 6 ug/Kg U īV 43893 BH40072AE 6 6 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg |U 43893 BH40076AF 9 9 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg |U IV 43893 13 FT BH40074AE 12 BROMODICHLOROMETHANE 75-27-4 5 ug/Kg |U īV 43893 BH40077AF 15 15 FT BROMODICHLOROMETHANE 75-27-4 31 31 ug/Kg |U i۷ 43993 BH40360AE BROMODICHLOROMETHANE 16 17 F 75-27-4 7 7|ug/Kg |U Įν 44093 BH40350AE 6 F BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg U īV 44093 BH40352AE 14 BROMODICHLOROMETHANE 15 F 75-27-4 6 6 ug/Kg |U īV 44393 BH40037AE 10 10 F BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg |U IV 44593 BH40004AE 10 FT BROMODICHLOROMETHANE 10 75-27-4 5 6 ug/Kg U IV 44593 BH40006AE 14 FT 14 BROMODICHLOROMETHANE 75-27-4 5 6 ug/Kg U īV 44893 BH40189AE BROMODICHLOROMETHANE 6 ug/Kg U 6 6 FT 175-27-4 6 IV 44893 BH40192AE 7 BROMODICHLOROMETHANE 7/FT 75-27-4 6 ug/Kg | U īV 44893 BH40195AE 12 12 FT BROMODICHLOROMETHANE 175-27-4 6 6 ug/Kg | U īV 44893 BH40194AF 16 16 FT BROMODICHLOROMETHANE 75-27-4 6 ug/Kg U V 45693 BH40373AF 9 9 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/Kg U V 45893 BH40381AE 10 FT BROMODICHLOROMETHANE

46193

200

BH40387AE

BROMODICHLOROMETHANE

75-27-4

75-27-4

5 ug/Kg |U

6 ug/Kg U

6

īv

IV

| | | A. 10 30 | iar Evap | | Ponds AOC - Analytical Results for | Subsurface Soil | is Greater Than | 6 Feet - (| Organics | | |
|--|----------------------------------|----------|-------------------------|-------------|--|---------------------|-----------------|------------|------------------------|-------------|--------------|
| LOCATION | | DEPTH | DEPTH | UNIT | | | DETECTION | | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | END | CODE | Analyte | CAS NO | LIMIT | RESULT | UNITS | | QUALIFIER |
| 46593 | BH40704AE | 6 | | | BROMODICHLOROMETHANE | 75-27-4 | 5 | | ug/Kg | | V |
| 46593 46693 | BH40712AE BH40719AE | 10 6 | | | BROMODICHLOROMETHANE | 75-27-4 | 5 | | ug/Kg | | V |
| 46693 | BH40727AE | 14 | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 5 | | ug/Kg ug/Kg | | IN |
| 46793 | BH40733AE | 6' | | | BROMODICHLOROMETHANE | 175-27-4 | 5 | | | Ü | V |
| | BH40741AE | 8 | 8 | | BROMODICHLOROMETHANE | 75-27-4 | 5 | | | | V |
| 46893 | BH40747AE | 6 | | | BROMODICHLOROMETHANE | 75-27-4 | 5 | | ug/Kg | U | V |
| 46893 46893 | BH40750AE BH40755AE | 10 | 10 | | BROMODICHLOROMETHANE | 75-27-4 | 5 | | | | V |
| 46993 | BH40769AE | 7: | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 5 | | ug/Kg | | V |
| P208989 | SEP1789BR0810 | 9 | 11 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/Kg ug/Kg | | V |
| | SEP1789BR1214 | 13 | 15 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/Kg | | V |
| | SEP1789BR1618 | 17 | 19 | ···· | BROMODICHLOROMETHANE | 75-27-4 | 6, | | ug/Kg | | V |
| | SEP1989BR0810 SEP1989BR1214 | 8, 12 | 10 | | BROMODICHLOROMETHANE | 75-27-4 | 5 | | ug/Kg | | V |
| | SEP1989BR1618 | 16 | 14 | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 6 | | | | V |
| | SEP1989BR2021 | 20 | 21 | i | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | | V V |
| | SEP1989BR2223 | 22) | 23 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | | V |
| | SEP2289BR0810 | 8 | 10 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/Kg | | V |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | SEP2289BR1618 | 16 | 18 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/Kg | | V |
| | SEP2289BR2022 SEP2689BR0810 | 20 8 | 10 | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 6 | | ug/Kg | | V |
| | SEP2689BR1214 | 12 | 13 | | BROMODICHLOROMETHANE | 175-27-4 | 6 | | ug/Kg ug/Kg | ····· | V V |
| P210189 | SEP3089BR0810 | 9 | | | BROMODICHLOROMETHANE | 75-27-4 | 690 | | ug/Kg | | V |
| | SEP3089BR1214 | 13; | 14 | FT | BROMODICHLOROMETHANE | 75-27-4 | 610 | | ug/Kg | | v |
| | SEP3089BR1618 | 17 | 19 | | BROMODICHLOROMETHANE | 75-27-4 | 690 | | ug/Kg | | V |
| | SEP3089BR2022 SEP3089BR2426 | 21 | 23 | | BROMODICHLOROMETHANE | 75-27-4 | 690 | | ug/Kg | | V |
| | SEP3189BR0810 | 8 | 27 10 | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 740 6 | ~~~~~~ | ug/Kg ! | | <u>v</u> |
| | SEP3189BR1214 | 12 | 14 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/Kg ug/Kg | | V |
| | SEP3189BR1618 | 16 | 18 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/Kg | | * |
| | BH00065AE | 10 | 10 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg | | V |
| | BH00068AE | 6 | | | BROMOFORM | 75-25-2 | 6 | | ug/Kg | | V |
| | BH00070AE BH00085AE | 10) | 10 | | BROMOFORM BROMOFORM | 75-25-2 | 6 | | ug/Kg | | V |
| | BH00078AE | 6 | 6 | | BROMOFORM | 75-25-2 75-25-2 | 6 ₁ | | ug/Kg | | V V |
| | BH00080AE | 8 | 9 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg ug/Kg | | V |
| | BH40171AE | 10 | 10 | FT [| BROMOFORM | 75-25-2 | 30 | | ug/Kg | | · |
| | BH40120AE | 6 | 6 | | BROMOFORM | 75-25-2 | 6 | 6 | ug/Kg | | V |
| | BH40120AE BH40125AE | 6 6 | 6 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg | | V |
| | BH40125AE | 6 | 6) l | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6) 6 | | ug/Kg (| | V |
| | BH40161AE | 10 | 10 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg ug/Kg | | V V |
| | BH40029AE | 7 | 7 | -T I | BROMOFORM | 75-25-2 | 5 | | ug/Kg | | · |
| | BH40205AE | 9 | 10 | | BROMOFORM | 75-25-2 | 6 | 6 | ug/Kg | J | V |
| | BH40208AE BH40051AE | 31 | 31 1 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg (| | V |
| | BH40053AE | 10 | 6 I | | BROMOFORM BROMOFORM | 75-25-2 175-25-2 | 5 | | ug/Kg | | V |
| | BH40198AE | 6 | 6 | | BROMOFORM | 75-25-2 | 7 _. | | ug/Kg l ug/Kg l | | V V |
| | BH40216AE | 7 | 8 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg (| | v i |
| | BH40219AE ! | 6, | 6,1 | | BROMOFORM | 75-25-2 | 7 | | ug/Kg il | | |
| | BH40221AE BH40223AE | 10 | 101 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg (l | J , | V |
| | BH40066AE | 17 | 17 10 | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 6 | | ug/Kg t | | / |
| | BH40104AE | 6 | 6.1 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg l ug/Kg l | | <u>/</u> |
| | BH40437AE | 6 | 6; F | -T E | BROMOFORM | 75-25-2 | 5 | | ug/Kg (| | |
| | BH40090AE | 10 | 10 | | BROMOFORM | 75-25-2 | 6 | | ug/Kg (| | ` |
| | BH40255AE BH40257AE | 7 | 8 F | | BROMOFORM | 75-25-2 | 5 | 5 ı | ug/Kg (| J , |) |
| | BH40263AE | 11 | 11 F | | BROMOFORM BROMOFORM | 75-25-2 | 6 | | ug/Kg U | | |
| | BH40265AE | 10) | 10 F | | BROMOFORM | 75-25-2 75-25-2 | 5 | | ug/Kg (L ug/Kg (L | | |
| 2493 | BH40289AE | 10 | 10 F | | BROMOFORM | 75-25-2 | 6 | | Jg/Kg ↓ Jg/Kg ↓ | | / |
| | BH40294AE | 10 | 10 F | | BROMOFORM | 75-25-2 | 6 | | ıg/Kg (| | |
| | BH40142AE | 9: | 10 F | | ROMOFORM | 75-25-2 | 7 | 7 t | Jg/Kg ∣ | j İv | |
| | BH40147AE BH40308AE | 14 | 14 F | | ROMOFORM | 75-25-2 | . 6 | | ıg/Kg L | | |
| / | BH40331AE | 6 | 6; F | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5 | | ıg/Kg (L | | |
| | BH40323AE | 10 | 10 F | | ROMOFORM | 75-25-2 | 6 6 | | ıg/Kg (L ıg/Kg (L | | |
| 3693 | BH40342AE | 6 | 6 F | | ROMOFORM | 75-25-2 | 5 | | ig/Kg L | | |
| | BH40344AE | 9 | 10 ₁ F | | ROMOFORM | 75-25-2 | 5 | | ıg/Kg L | | |
| | BH40347AE | 13 | 13 F | | ROMOFORM | 75-25-2 | 6 | | ıg/Kg L | | |
| | BH40336AE BH40339AE | 9 14 | 9 F | | ROMOFORM ROMOFORM | 75-25-2 | 5 | | ig/Kg L | | |
| | | | | | | 75-25-2 | 6) | | ig/Kg L | | |
| 3893 | BH40072AE | 6 | 6 F | .1 | ROMOFORM | 75-25-2 | 6 | £: | ıg/Kg ∣L | J N | , |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics 1 h - 3 m - 2 m LAB DEPTH UNIT 图象表: OCATION DEPTH DETECTION RESULT VALIDATION RESULT UNITS QUALIFIER QUALIFIER CODE SAMPLE NUMBER START END CODE Analyte CAS NO LIMIT 43893 BH40074AE BROMOFORM 75-25-2 5 ug/Kg U 43893 BH40077AE 15 BROMOFORM 175-25-2 31 31 ug/Kg | U 43993 BH40360AE 16 BROMOFORM 75-25-2 íν 7 7_iug/Kg | U 44093 BH40350AE 6 BROMOFORM 6|FT 175-25-2 6 6 ug/Kg U IV 44093 BH40352AE 14 15 FT BROMOFORM 75-25-2 6 6 ug/Kg | U !\/ 44393 BH40037AE 10 10 FT BROMOFORM 75-25-2 6 6 ug/Kg U īv 44593 BH40004AE 10 10 FT BROMOFORM 75-25-2 6 ug/Kg | U V 5 44593 BH40006AE 14 BROMOFORM 14|FT 75-25-2 6 ug/Kg |U 44893 BH40189AE 6 6 FT BROMOFORM 75-25-2 W 6 ug/Kg U 44893 7 BH40192AF 7 FT BROMOFORM 75-25-2 6 ٧ 6 ug/Kg U 44893 BH40195AF 12 12 FT BROMOFORM 6 ug/Kg |U 75-25-2 6 īV 44893 BH40194AF 16 16 FT BROMOFORM 75-25-2 6 6 ug/Kg U i۷ 45693 BH40373AE 9 9 F1 BROMOFORM 75-25-2 6 6 ug/Kg :U īV 45893 BH40381AE 9 10 F BROMOFORM 75-25-2 5 5 ug/Kg |U V 46193 BROMOFORM BH40387AE 8 8 FT 75-25-2 6 6 ug/Kg |U ĺν 46593 BH40704AE 7 FT BROMOFORM 6 75-25-2 6 ug/Kg U īV 46593 BH40712AE 10 10 FT BROMOFORM 75-25-2 6 ug/Kg U 46693 BH40719AE 6 6 FT BROMOFORM 75-25-2 5 6 ug/Kg | U IJ 46693 BH40727AE 14 BROMOFORM 15 FT 75-25-2 6:ug/Kg U IV 46793 IBH40733AE 6 6 FT BROMOFORM 75-25-2 6 ug/Kg |U īV 46793 BH40741AF 8 8 F BROMOFORM 75-25-2 5 6 ug/Kg | U IV 46893 BH40747AE 6 6 F BROMOFORM 75-25-2 5 6 ug/Kg U ĺΫ 46893 BH40750AE 10 10 FT BROMOFORM 75-25-2 5 5 ug/Kg U īV 46893 IBH40755AF 12 12 FT BROMOFORM 75-25-2 6 ug/Kg U 5 W 46993 BH40769AE BROMOFORM 75-25-2 5 6 ug/Kg | U ī P208989 SEP1789BR0810 9 BROMOFORM 175-25-2 6 6 ug/Kg | U īv P208989 SEP1789BR1214 13 15 FT BROMOFORM 75-25-2 6 6 ug/Kg U ĪV SEP1789BR1618 P208989 17 19 FT BROMOFORM 75-25-2 6 6 ug/Kg U P209189 SEP1989BR0810 10 FT BROMOFORM 8 75-25-2 5 5 ug/Kg U V P209189 SEP1989BR1214 BROMOFORM 12 14 FT 75-25-2 6 ug/Kg U īV P209189 SEP1989BR1618 75-25-2 16 18 FT BROMOFORM 6 6 ug/Kg U ĺΫ P209189 SEP1989BR2021 20 21 FT BROMOFORM 75-25-2 6 6 ug/Kg U IV P209189 SEP1989BR2223 22 23 FT BROMOFORM 75-25-2 6 6 ug/Kg U īV P209489 SEP2289BR0810 10 FT BROMOFORM 8 75-25-2 6 6 ug/Kg U V SEP2289BR1618 P209489 16 18 FT BROMOFORM 75-25-2 6 6 ug/Kg U W P209489 SEP2289BR2022 20 22 F BROMOFORM 175-25-2 6 6 ug/Kg U v P209889 SEP2689BR0810 8 10 FT BROMOFORM 175-25-2 6 6 ug/Kg U P209889 SEP2689BR1214 12 13 FT BROMOFORM 75-25-2 6 6 ug/Kg U P210189 SEP3089BR0810 9 9 FT BROMOFORM 75-25-2 690 690|ug/Kg | U SEP3089BR1214 P210189 13 BROMOFORM 14 F 75-25-2 610 610 ug/Kg U V P210189 SEP3089BR1618 17 19 FT BROMOFORM 75-25-2 690 690 ug/Kg U īV P210189 SEP3089BR2022 21 BROMOFORM 23 FT 75-25-2 690 690 ug/Kg | U ĪV P210189 SEP3089BR2426 25 27 FT BROMOFORM 75-25-2 740 740 ug/Kg | U ī P210289 SEP3189BR1214 12 14 FT BROMOFORM 75-25-2 6 6 ug/Kg | U V P210289 SEP3189BR1618 16 18 F7 BROMOFORM 75-25-2 6 6 ug/Kg |U īV 05393 BH00078AF 6 6 FT BROMOMETHANE 74-83-9 12 12 ug/Kg U V 05393 BH00080AF 8 9|FT BROMOMETHANE 174-83-9 12 12 ug/Kg |U 40093 BH40171AE 10 10 FT BROMOMETHANE 74-83-9 61 61 ug/Kg U 40293 BH40120AE 6 BROMOMETHANE 6FT 74-83-9 12 12 ug/Kg U V 40293 BH40120AE 6 6 FT BROMOMETHANE 74-83-9 12 12 ug/Kg U V 40393 BH40125AE 6 6 FT BROMOMETHANE 74-83-9 12 ug/Kg U IV 40393 BH40125AE 74-83-9 6 6 FT BROMOMETHANE 12 12 ug/Kg U V 40793 BH40161AE 74-83-9 10 10 FT BROMOMETHANE 12 12 ug/Kg U IV 40893 BH40029AE 7 FT BROMOMETHANE 74-83-9 10 12 ug/Kg |U īv 40993 BH40205AF a 10 FT BROMOMETHANE 74-83-9 11 11 ug/Kg U V 40993 BH40208AF 31 31|FT BROMOMETHANE 74-83-9 12 12 ug/Kg U V 41193 BH40051AE 6 6 FT BROMOMETHANE 74-83-9 11 11 ug/Kg U V 41193 BH40053AE 10 10 FT BROMOMETHANE 174-83-9 13 13 ug/Kg |U īv 41293 BH40198AE 6 6 FT BROMOMETHANE 74-83-9 12 12 ug/Kg |U 41593 BH40216AE 8 FT BROMOMETHANE 174-83-9 12 12 ug/Kg U V 6FT 41693 BH40219AE 6 BROMOMETHANE 74-83-9 14 14 ug/Kg U 41693 BH40221AE 10 10 FT BROMOMETHANE 74-83-9 11 11 ug/Kg U IV 41693 BH40223AE 17 17 FT BROMOMETHANE 74-83-9 12 12 ug/Kg U īv 41993 BH40066AE 10 10 FT BROMOMETHANE 74-83-9 12 12 ug/Kg U IV 42093 BH40104AE 6 6 FT BROMOMETHANE 74-83-9 12 12 ug/Kg U īV 42193 BH40437AF 6 6 FT BROMOMETHANE 74-83-9 111 11 ug/Kg U IV 142193 BH40090AF 10 BROMOMETHANE 10 FT 174-83-9 12 12 ug/Kg |U V 42293 BH40255AF 8 FT BROMOMETHANE 7 74-83-9 10 10 ug/Kg U 42293 BH40257AE 11 BROMOMETHANE 74-83-9 12 12 ug/Kg U 42393 BH40263AE 6 6 FT BROMOMETHANE 74-83-9 10 10 ug/Kg | U

42393

42493

42593

42993

42993

BH40265AE

BH40289AE

BH40294AE

BH40142AE

BH40147AE

10 FT

10 FT

10 FT

10 FT

14 FT

BROMOMETHANE

BROMOMETHANE

BROMOMETHANE

BROMOMETHANE

BROMOMETHANE

10

10

10

9

14

74-83-9

74-83-9

74-83-9

74-83-9

74-83-9

12

12

12

12

12 ug/Kg U-

12 ug/Kg | U

12 ug/Kg | U

13 ug/Kg |U

12 ug/Kg U

!V

| N & H | I able | A.10 So | iar Evap | oration i | Ponds AOC - Analytical Results for Si | UDSURFACE SOIL | s Greater Than | * " | Organics | LAB | |
|--------------------------|----------------------------------|------------------|------------------|-----------|---|---------------------|----------------|---------|--------------------|--------|-------------------------|
| LOCATION | | | DEPTH | UNIT | Anatyte | CACAO | DETECTION | DECLIET | in Z | RESULT | VALIDATION QUALIFIER |
| المستنين بينون ستعمد بين | SAMPLE NUMBER BH40308AE | START | medical bettern. | FT | BROMOMETHANE | 74-83-9 | LIMIT 10 | | | | V |
| | BH40331AE | 9 | | | BROMOMETHANE | 74-83-9 | 12 | | | | v |
| | BH40323AE | 10 | | | BROMOMETHANE | (74-83-9) | 11 | | | | ٧ |
| | BH40342AE | 6 | | | BROMOMETHANE | 74-83-9 | 11) | | 1 ug/Kg | | V |
| | BH40344AE | 9 | | | BROMOMETHANE . | 74-83-9 74-83-9 | 11 | | 1 ug/Kg 2 ug/Kg | | V |
| | BH40347AE BH40336AE | 13 9 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 | 11 | | 1 ug/Kg | | V V |
| | BH40339AE | 14 | | | BROMOMETHANE | 74-83-9 | 12 | | | | v |
| | BH40072AE | 6 | 6 | FT | BROMOMETHANE | 74-83-9 | 111 | | | | V |
| | BH40076AE | 9 | | | BROMOMETHANE | 74-83-9 | 11 | | | | V |
| | BH40074AE | 12 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 11 61 | | | | IV IV |
| | BH40077AE BH40360AE | 15 16 | | | BROMOMETHANE | 74-83-9 | 13 | | | | V |
| | BH40350AE | 6 | | | BROMOMETHANE | 174-83-9 | 11 | | | | iv |
| | BH40352AE | 14 | | FT | BROMOMETHANE | 74-83-9 | 12 | 1: | 2 ug/Kg | | V |
| | BH40037AE | 10 | | | BROMOMETHANE | 74-83-9 | 13 | | | | V |
| | BH40004AE į | 10 | | | BROMOMETHANE | 74-83-9 | 10 | | | | V . |
| | BH40006AE BH40189AE | 14 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 | | 3 ug/Kg 1 ug/Kg | | V |
| | BH40192AE | 7 | | | BROMOMETHANE | 74-83-9 | 13 | | | | V V |
| | BH40195AE | 12 | | | BROMOMETHANE | 74-83-9 | 11 | | | | v |
| 44893 | BH40194AE | 16 | 16 | FT | BROMOMETHANE | 74-83-9 | 12 | 1; | 2 ug/Kg | | V |
| | BH40373AE | 9 | | | BROMOMETHANE | 74-83-9 | 12 | | | | V |
| | BH40381AE (| 9) | | | BROMOMETHANE | 74-83-9 | 11 | | | | V |
| | BH40387AE BH40704AE | 8 6 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 | 12 | | | | V |
| | BH40712AE | 10 | | | BROMOMETHANE | 74-83-9 | 10 | | | | v · |
| | BH40719AE | 6 | | | BROMOMETHANE | 74-83-9 | 10 | | | | J |
| | BH40727AE ! | 14 | 15 | | BROMOMÉTHANE | 74-83-9 | 10 | | | | V |
| | BH40733AE | 6 | | | BROMOMETHANE | 74-83-9 | 10 | | 2 ug/Kg | | V |
| | BH40741AE BH40747AE | 8 6 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 10 | | 2 ug/Kg 1 ug/Kg | | V |
| | BH40750AE | 10 | 10 | | BROMOMETHANE | 74-83-9 | 10 | | | | V |
| | BH40755AE | 12 | | : | BROMOMETHANE | 74-83-9 | 10 | | | | V |
| | BH40769AE | 7 | | | BROMOMETHANE | 74-83-9 | 10 | | | | V |
| | SEP1789BR0810 | 9 | 11 | | BROMOMETHANE | 74-83-9 | 12 | | | | V |
| | SEP1789BR1214 | 13 17 | 15 | | BROMOMETHANE | 74-83-9 74-83-9 | 12 | | | | V V |
| | SEP1789BR1618 SEP1989BR0810 | 8 | 19 10 | | BROMOMETHANE BROMOMETHANE | 74-83-9 | 12 | | | | V |
| | SEP1989BR1214 | 12 | 14 | | BROMOMETHANE | 74-83-9 | 12 | | | | v |
| P209189 | SEP1989BR1618 | 16 | 18 | FT | BROMOMETHANE | 74-83-9 | 12 | | | U | V |
| | SEP1989BR2021 | 20) | 21 | | BROMOMETHANE | 74-83-9 | 12 | | <u> </u> | | V |
| | SEP1989BR2223 | 22 | | | BROMOMETHANE | 74-83-9 | 12 | | | | V |
| | SEP2289BR0810 SEP2289BR1618 | 8 <u>;</u> 16 | 10 18 | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 12 | | | | V V |
| | SEP2289BR2022 | 20 | 22 | | BROMOMETHANE | 174-83-9 | 11 | | | | · |
| | SEP2689BR0810 | 8 | | | BROMOMETHANE | 74-83-9 | 13 | | | | V |
| | SEP2689BR1214 | 12 | 13 | | BROMOMETHANE | 74-83-9 | 13 | | | | V |
| | SEP3089BR0810 | 9 | | | BROMOMETHANE | 74-83-9 | 1400 | | | | V |
| | SEP3089BR1214 SEP3089BR1618 | 13 | 14 | | BROMOMETHANE | 74-83-9 | 1200 | | Jug/Kg | | V |
| | SEP3089BR2022 | 21 | | | BROMOMETHANE BROMOMETHANE | 74-83-9 174-83-9 | 1400 | | ug/Kg | | <u>v</u> |
| | SEP3089BR2426 | 25 | | | BROMOMETHANE | 74-83-9 | 1500 | | ug/Kg | | V |
| | SEP3189BR0810 | 8 | | | BROMOMETHANE | 74-83-9 | 12 | | 2 ug/Kg | | V |
| | SEP3189BR1214 | 12 | | | BROMOMETHANE | 74-83-9 | 12 | | 2 ug/Kg | | V |
| | SEP3189BR1618 BH40086AE | 16) | 18 | | BROMOMETHANE BUTYL BENZYLPHTHALATE | 74-83-9 85-68-7 | 12 410 | | 2 ug/Kg | | V |
| | BH40091AE | 16 | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 410 | | oug/Kg oug/Kg | | V |
| | BH40430AE | 22 | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 400 | | ug/Kg | | V |
| 42193 | BH40433AE | 28 | 31 | | BUTYL BENZYLPHTHALATE | 85-68-7 | 400 | 400 | ug/Kg | U | V |
| | BH40256AE | 6 | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 400 | | ug/Kg | U | J |
| | BH40258AE | 11 | 13 | | BUTYL BENZYLPHTHALATE | 85-68-7 | 400 | | ug/Kg | | V |
| | BH40450AE BH40290AE | 10 | 10 | | BUTYL BENZYLPHTHALATE BUTYL BENZYLPHTHALATE | 85-68-7 85-68-7 | 380 | | ug/Kg i | | J J |
| | BH40324AE | 8 | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 390 | | Jug/Kg | | <u>v</u> |
| | BH40713AE | 11 | | | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | | ug/Kg | | v |
| 46693 | BH40728AE | 9 | 15 | FT | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | 390 | ug/Kg | Ü | V |
| | BH40742AE | 8 | 15 | | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | | ug/Kg | | V |
| | BH40807AE | 6 | 12 | | BUTYL BENZYLPHTHALATE | 85-68-7 | 330 | | ug/Kg | | V |
| | BH40770AE ! BH40086AE ! | 10 | 13 | | BUTYL BENZYLPHTHALATE CARBAZOLE | 85-68-7 86-74-8 | 330) 410 | | lug/Kg | | <u>v</u> |
| | BH40091AE | 16 | 22 | | CARBAZOLE | 186-74-8 | 410 | | ug/Kg | | <u>*</u> |
| | BH40430AE | 22 | 28 | | CARBAZOLE | 86-74-8 | 400 | | ug/Kg | | · |
| | BH40433AE | 28 | 31 | | CARBAZOLE | 86-74-8 | 400 | 400 | ug/Kg | U | V |
| 42593 | BH40450AE | 8 | 10 | FT | CARBAZOLE | 86-74-8 | 380 | 380 | ug/Kg | U ! | V |



| | Table | A.10 So | lar Evapo | oration | Ponds AOC - Analytical Results for | | | 6 Feet - Organics | | |
|-------------|---|----------|--------------|----------------------|--------------------------------------|-----------------------------|-----------|----------------------------|---------------------------------------|--|
| LOCATION | | DEPTH | DEPTH | UNIT | | | DETECTION | | LAB RESULT | VALIDATION |
| | SAMPLE NUMBER | | END | CODE | Analyte | CAS NO | LIMIT | RESULT UNITS | · •• | |
| | BH40290AE | 10 | | | CARBAZOLE | 86-74-8 | 390 | | | J |
| | BH00065AE BH00068AE | 10, 6 | | FT FT | CARBON DISULFIDE | 75-15-0 75-15-0 | 6 | | | V V |
| <u> </u> | BH00070AE | 10 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH00085AE | 14 | <u> </u> | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH00078AE | 6 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | <u>V </u> |
| | BH00080AE BH40171AE | 8 10 | | ~~~~~~~~~ | CARBON DISULFIDE | 75-15-0 75-15-0 | 6 30 | | | V |
| | BH40120AE | 6 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | · · |
| | BH40120AE | 6 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH40125AE BH40125AE | 6 | | FT FT | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH40161AE | 10 | | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 175-15-0 | <u>6</u> | | | <u>v</u> v |
| <u>_</u> | BH40029AE | 7 | | FT | CARBON DISULFIDE | 75-15-0 | 5 | | | V |
| | BH40205AE | 9 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V. |
| | BH40208AE BH40051AE | 31 | | FT | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5 | | | <u>v</u> |
| | BH40053AE | 10 | | | CARBON DISULFIDE | 75-15-0 | 7 | | <u> </u> | V |
| | BH40198AE | 6 | | FT | CARBON DISULFIDE | 75-15-0 | 6 | | Ū | V |
| | BH40216AE | 7 | | FT | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH40219AE BH40221AE | 10 | 10 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 7 | | | V V |
| | BH40223AE | 17 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH40066AE | 10 | 10 | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH40104AE | 6, 6 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| | BH40437AE BH40090AE | 10 | | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15 - 0 | 5 6 | | | v v |
| | BH40255AE | 7 | 8 | | CARBON DISULFIDE | 75-15-0 | 5 | | | J |
| | BH40257AE | 11 | · | | CARBON DISULFIDE | 75-15-0 | 6 | | - | J |
| | BH40263AE BH40265AE | 10 | 10 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5 | | | <u>V</u> |
| | BH40289AE | 10 | 10 | | CARBON DISULFIDE | 75-15-0 | 6 6 | | | v v |
| | BH40294AE | 10 | 10 | | CARBON DISULFIDE | 75-15-0 | 6 | | | . |
| | BH40142AE | 9 | | | CARBON DISULFIDE | 75-15-0 | 7 | | | V |
| | BH40147AE ; BH40308AE ; | 14 | 14 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 6) 5 | 6 ug/Kg 5 ug/Kg | | V V |
| | BH40331AE | 9 | | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | v V |
| | BH40323AE | 10 | 10 | FT | CARBON DISULFIDE | 75-15-0 | 6 | | | v |
| | BH40342AE | 6 9 | 6 | | CARBON DISULFIDE | 75-15-0 | 5 | 5 ug/Kg | | V |
| | BH40344AE BH40347AE | 13 | 10 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5) 6! | | | V V |
| | BH40336AE | 9 | 9 | | CARBON DISULFIDE | 75-15-0 | 5 | 5 ug/Kg | | V |
| | BH40339AE | 14 | 14 | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | V |
| | BH40072AE BH40076AE | 6) 9 | 6 1 9 1 | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | V |
| | BH40074AE | 12 | 13 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 6; 5 | 6 ug/Kg 5 ug/Kg | | v V |
| | BH40077AE | 15 | 15 | <u> </u> | CARBON DISULFIDE | 75-15-0 | 31 | | | v |
| | BH40360AE | 16 | 17 | | CARBON DISULFIDE | 75-15-0 | 7 | | | V |
| i | BH40350AE BH40352AE | 6 14 | 6 15 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 6 | 6 ug/Kg | | V V |
| | BH40037AE | 10 | 10 | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg 6 ug/Kg | | V |
| | BH40004AE | 10 | 10 | | CARBON DISULFIDE | 75-15-0 | 5 | 6jug/Kg | | v |
| | BH40006AE | 14 | 14 | | CARBON DISULFIDE | 75-15-0 | 5 | 6jug/Kg | U | V |
| | BH40189AE BH40192AE | 6 7 | 6 I | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 6 6 | 6 ug/Kg | · · · · · · · · · · · · · · · · · · · | V |
| | BH40195AE | 12 | 12 | | CARBON DISULFIDE | 75-15-0 75-15-0 | 6 | 6 ug/Kg 6 ug/Kg | | V V |
| 14893 E | BH40194AE | 16 | 16 | FT | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | v |
| | BH40373AE | 9 | 9 | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | V |
| | BH40381AE BH40387AE | 9) 8 | 10 1 8 1 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5 6 | 5 ug/Kg 6 ug/Kg | | V |
| | BH40704AE | 6 | 7/1 | | CARBON DISULFIDE | 75-15-0 | 5 | 6 ug/Kg | | v v |
| | BH40712AE | 10 | 10 | FT | CARBON DISULFIDE | 75-15-0 | 5 | 6 ug/Kg | | v |
| | BH40719AE BH40727AE | 6 | 6 1 | | CARBON DISULFIDE | 75-15-0 | 5 | 6 ug/Kg | | |
| | BH40733AE | 14 | 15 I | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5 | 6 ug/Kg 6 ug/Kg | | V V |
| 16793. E | BH40741AE | 8 | 8 1 | | CARBON DISULFIDE | 75-15-0 | 5 | 6 ug/Kg | | <u>v</u> |
| | BH40747AE | 6 | 6 1 | | CARBON DISULFIDE | 75-15-0 | 5 | 6 ug/Kg | J i | V |
| | BH40750AE BH40755AE | 10 | 10 | | CARBON DISULFIDE | 75-15-0 | 5 | 5 ug/Kg | | V |
| | BH40769AE | 7 | 12 7 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 5 | 6 ug/Kg 1 6 ug/Kg 1 | | <u>/</u> |
| | SEP1789BR0810 | 9 | 11 | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | " |
| | 00047000004044 | 13 | 15 | -1 | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/Kg | | / |
| 208989 | SEP1789BR1214 | | | | | | | | | |
| 208989 S | SEP1789BR1214 SEP1789BR1618 SEP1989BR0810 | 17. | 19 F | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 6 5 | 6 ug/Kg 1 5;ug/Kg 1 | J T | / |



| | Tabl | e A.10 So | lar Evapo | ration | Ponds AOC - Analytical Results for | Subsurface Soil | s Greater Thai | n 6 Feet - Organi | cs | |
|--------------------|---------------------------------|-----------|-------------|----------------|--|----------------------|----------------|--|--|--------------|
| LOCATION | A Same of the same | DEPTH | DEPTH | UNIT | | mar mar de d | DETECTION | 一致 第 多 以 | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | | CODE | I the second of the second | CAS NO | LIMIT | RESULT UNIT | | |
| P209189 | SEP1989BR1618 | 16 | | | CARBON DISULFIDE | 75-15-0 | į 6 | در البران عماد « بعداد « المعالم عند المان المان المان » المان » المان » ا | بخالور بسير معهر بينون بيفائد مساب أأسبا | V |
| P209189 | SEP1989BR2021 | 20 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| P209189 | SEP1989BR2223 (SEP2289BR0810 | 1 8 | | | CARBON DISULFIDE | 75-15-0 75-15-0 | 6 | | | IV |
| P209489 | SEP2289BR1618 | 16 | | | CARBON DISULFIDE | i75-15-0 | . 6 | | | īV |
| P209489 | SEP2289BR2022 | 20 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | iv |
| P209889 P209889 | SEP2689BR0810 SEP2689BR1214 | 8 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | į V |
| P210189 | SEP3089BR0810 | 1 9 | | FT | CARBON DISULFIDE | 75-15-0 75-15-0 | 690 | | | (V |
| P210189 | SEP3089BR1214 | 13 | | | CARBON DISULFIDE | 75-15-0 | 610 | | | V |
| P210189 | SEP3089BR1618 | 17 | | | CARBON DISULFIDE | 75-15-0 | 690 | 690 ug/Kg | υ | īv |
| P210189 | SEP3089BR2022 | 21 | | | CARBON DISULFIDE | 75-15-0 | 690 | | | V |
| P210189 P210289 | SEP3089BR2426 SEP3189BR0810 | 25 | | | CARBON DISULFIDE | 75-15-0 75-15-0 | 740 | | | V |
| P210289 | SEP3189BR1214 | 12 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | V |
| P210289 | SEP3189BR1618 | 16 | | FT | CARBON DISULFIDE | 75-15-0 | 6 | | | ĪV . |
| 05093 | BH00065AE | 10, | | ~ | CARBON TETRACHLORIDE | 56-23-5 | 5 | | | V |
| 05193 05193 | BH00068AE BH00070AE | 10 | | | CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 | | | V |
| 05193 | BH00085AE | 14 | | | CARBON TETRACHLORIDE | 56-23-5 | 6 6 | | | V V |
| 05393 | BH00078AE | 6 | 6 | FT | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | V |
| 05393 | BH00080AE | 8 | | | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | U | V |
| 40093 | BH40171AE BH40120AE | 10 | 10 | | CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 30 | | | V |
| 40293 | BH40120AE | 6 | | | CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 | | ~- | V V |
| 40393 | BH40125AE | 6 | 6 | FT | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | V |
| 40393 | BH40125AE | 6 | | | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | U | V |
| 40793 40893 | BH40161AE BH40029AE | 10 7 | 10 7 | | CARBON TETRACHLORIDE | 56-23-5 | 6. | | | V |
| 40993 | BH40205AE | 9 | | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 5 6 | | | V |
| 40993 | BH40208AE | 31 | 31 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | v |
| 41193 | BH40051AE | 6 | 6) | | CARBON TETRACHLORIDE | 56-23-5 | 5 | 5 ug/Kg | | V |
| 41193 | BH40053AE BH40198AE | 10 6 | 10 | | CARBON TETRACHLORIDE | 56-23-5 | 7: | | | V |
| 41593 | BH40216AE | 7 | | | CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 | | | V V |
| 41693 | BH40219AE | 6 | 6'1 | | CARBON TETRACHLORIDE | 56-23-5 | 7, | | | v |
| 41693 | BH40221AE | 10 | 10 | - | CARBON TETRACHLORIDE | 56-23-5 | 6, | 6¦ug/Kg | | V |
| 41693 | BH40223AE BH40066AE | 17 10 | 17: | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 | 6 | | | V |
| 42093 | BH40104AE | 6 | 61 | | CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 | | | V |
| 42193 | BH40437AE | 6 | 6:1 | | CARBON TETRACHLORIDE | 56-23-5 | 5 | | | v |
| 42193 | BH40090AE | 10 | 10:1 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | V |
| 42293 | BH40255AE BH40257AE | 7 11: | 8/I 11/I | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 | 5 6 | | | j |
| 42393 | BH40263AE | 6 | 61 | | CARBON TETRACHLORIDE | 56-23-5 | 5 | 6 ug/Kg 5 ug/Kg | | N N |
| 42393 | BH40265AE | 10 | 10 1 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | v |
| 42493 | BH40289AE | 10 | 10 | | CARBON TETRACHLORIDE | 56-23-5 | 6, | | | V |
| 42593 42993 | BH40294AE BH40142AE | 10 | 10 | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6; | | | v |
| 42993 | BH40147AE | 14 | 14 | | CARBON TETRACHLORIDE | 56-23-5 | 7 ₁ | 7 ug/Kg 6 ug/Kg | | V |
| 43193 | BH40308AE | 6 | 6 1 | -1 | CARBON TETRACHLORIDE | 56-23-5 | 5 | | | v |
| | BH40331AE | 9 | 9 1 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | lu i | V |
| 43493 | BH40323AE | 10 | 10 F | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 5 | | | V |
| 43693 | BH40344AE | 9 | 10) | | CARBON TETRACHLORIDE | 56-23-5 | 5 | | | v v |
| 43693 | BH40347AE | 13 | 13 F | -7 | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | | v |
| 43793 | BH40336AE | 9 | 9 1 | | CARBON TETRACHLORIDE | 56-23-5 | 5 | 5 ug/Kg | U | V |
| 43793 43893 | BH40339AE BH40072AE | 14 | 14'F | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 | 6, | 6 ug/Kg | | V |
| 43893 | BH40076AE | 9 | 9 6 | | CARBON TETRACHLORIDE | 156-23-5 156-23-5 | 6 | 6 ug/Kg | | v v |
| 43893 | BH40074AE | 12 | 13 F | | CARBON TETRACHLORIDE | 56-23-5 | 5 | 5 ug/Kg | | v - |
| 43893 | BH40077AE | 15 | 15 F | | CARBON TETRACHLORIDE | 56-23-5 | 31 | 31 ug/Kg | U | v |
| | BH40360AE BH40350AE | 16 | 17 F | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 | 7 | 7jug/Kg | | V |
| | BH40352AE | 14 | 15 F | ~ | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg 6 ug/Kg | | V |
| 44393 | BH40037AE | 10 | 10 F | | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | | v |
| | BH40004AE | 10 | 10 F | | CARBON TETRACHLORIDE | 56-23-5 | 5 | 6 ug/Kg | lυ | V |
| 44593 44893 | BH40006AE BH40189AE | 14 | 14 F | | CARBON TETRACHLORIDE | 56-23-5 | 5 | 6 ug/Kg | | V |
| | BH40192AE | 7 | 7 F | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg 6 ug/Kg | | v v |
| 44893 | BH40195AE | 12 | 12 F | | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | | v |
| | BH40194AE | 16 | 16 F | | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | U | V |
| | BH40373AE BH40381AE | 9 | 9) F | ************** | CARBON TETRACHLORIDE | 56-23-5 | 6 | 6 ug/Kg | | V |
| | BH40387AE | 8 | 10 F | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 5 | 5 ug/Kg 6 ug/Kg | | <u>v</u> |
| | | | | | | .00 20-0 | 0 | O US/NS | 10 | <u> </u> |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

| | | Table | | | ion l | Ponds AOC - Analytical F | Results for Su | bsurface Soils | | 6 Feet - O | rganic | 5 | |
|----------|-------------|---------------|-------|--|-------|--------------------------|--|----------------|--|---|-------------|--|----------------|
| | | | | ** · · · · · · · · · · · · · · · · · · | | | | 100 | ACO KIRA | | 15. | LAB | # 14 (S) 1 (Y) |
| | LOCATION | | | | VIT. | Analyte . | | 32.8 | DETECTION | | 4 | | VALIDATION |
| | CODE | SAMPLE NUMBER | START | | DE | Analyte | | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| | 46593 | BH40704AE | 6 | 7: FT | | CARBON TETRACHLOR | IDE | 56-23-5 | 5 | 6 | ug/Kg | U | V |
| - | 46593 | BH40712AE | 10 | 10 FT | | CARBON TETRACHLOR | IDE | 56-23-5 | . 5 | 6 | ug/Kg | ίŪ | V |
| i | 46693 | BH40719AE | 6 | 6 FT | | CARBON TETRACHLOR | IDE | 56-23-5 | 5 | 6;1 | ug/Kg | U | J |
| Ì | 46693 | BH40727AE | 14 | 15 FT | | CARBON TETRACHLOR | IDE | 56-23-5 | 5 | | | | V |
| Ì | | BH40733AE | 6 | | | CARBON TETRACHLOR | | 56-23-5 | 5 | | ug/Kg | | V |
| i | | BH40741AE | 8 | | | CARBON TETRACHLOR | | 56-23-5 | 5 | | ug/Kg | | v |
| - 4 | | BH40747AE | 6 | | | CARBON TETRACHLOR | | 56-23-5 | | | | | |
| | | BH40750AE | | | | | | | 5 | | | | V |
| | | | 10 | | | CARBON TETRACHLOR | | 56-23-5 | 5 | | | <u> </u> | V |
| | | BH40755AE | 12 | | | CARBON TETRACHLOR | | 56-23-5 | 5 | | | · | V |
| - 2 | | BH40769AE | 7 | | | CARBON TETRACHLOR | | 56-23-5 | 5 | | ug/Kg | | V |
| | | SEP1789BR0810 | 9 | | | CARBON TETRACHLOR | IDE | 56-23-5 | 6 | | | įU l | V . |
| | | SEP1789BR1214 | 13 | 15 FT | - 1 | CARBON TETRACHLOR | IDE | 56-23-5 | 6 | 6 1 | ug/Kg | U I | V |
| | P208989 | SEP1789BR1618 | 17 | 19 FT | 1 | CARBON TETRACHLOR | IDE | 56-23-5 | 6 | | | U | V |
| . į | P209189 | SEP1989BR0810 | 8 | 10 FT | 1 | CARBON TETRACHLOR | IDE | 56-23-5 | 5 | | | iu i | V |
| ·Ì | P209189 | SEP1989BR1214 | 12 | 14 FT | | CARBON TETRACHLOR | | 56-23-5 | 6 | | | 1 | V |
| Ì | P209189 | SEP1989BR1618 | 16 | 18 FT | | CARBON TETRACHLOR | | 56-23-5 | 6 | | ıg/Kg | | · |
| - 4 | | SEP1989BR2021 | 20 | 21!FT | | CARBON TETRACHLOR | | 56-23-5 | 6 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ıg/Kg | <u> </u> | v |
| | | SEP1989BR2223 | 22 | 23 FT | | CARBON TETRACHLOR | | 56-23-5 | 6 | | | | Ť |
| | | SEP2289BR0810 | 8 | | | | | | | | ıg/Kg | | |
| | | ~~~~~ | | 10 FT | | CARBON TETRACHLORI | | 56-23-5 | 6 | | | | V |
| - 4 | ····· | SEP2289BR1618 | 16 | 18 FT | | CARBON TETRACHLORI | | 56-23-5 | 6 | | | | V |
| 1. | ····· | SEP2289BR2022 | 20 | 22 FT | | CARBON TETRACHLORI | ······································ | 56-23-5 | 6 | | | | V |
| | ····· | SEP2689BR0810 | 8 | 10 FT | | CARBON TETRACHLORI | | 56-23-5 | 6 | | | | V |
| - 1 | | SEP2689BR1214 | 12 | 13 FT | | CARBON TETRACHLORI | DE ! | 56-23-5 | 6 | 6 L | ıg/Kg | U | V |
| | | SEP3089BR0810 | 9 | 9) FT | . 1 | CARBON TETRACHLORI | DE | 56-23-5 | 690 | | | <u> </u> | V |
| ٠Ī | P210189 | SEP3089BR1214 | 13 | 14 FT | - | CARBON TETRACHLORI | DE | 56-23-5 | 610 | | -: | <u>. </u> | V |
| ٠Ī | P210189 | SEP3089BR1618 | 17 | 19 FT | | CARBON TETRACHLORI | | 56-23-5 | 690 | | | | v |
| | | SEP3089BR2022 | 21 | 23 FT | | CARBON TETRACHLORI | | 56-23-5 | 690 | | | | v |
| | | SEP3089BR2426 | 25 | 27/FT | | CARBON TETRACHLORI | | 56-23-5 | 740 | | | | * |
| L | | SEP3189BR0810 | 8; | 10:FT | | CARBON TETRACHLORI | | 56-23-5 | ······································ | | | | |
| ~ | ~ | SEP3189BR1214 | 12 | 14:FT | | | | | 6 | | | · | V |
| | | | | ~ | | CARBON TETRACHLORI | | 56-23-5 | 6 | | | | V |
| | | SEP3189BR1618 | 16 | 18 FT | | CARBON TETRACHLORI | DE | 56-23-5 | 6 | | | | <u>v</u> |
| | | BH00065AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | | V |
| | | BH00068AE | 6 | 6 FT | | CHLOROBENZENE | 1 | 108-90-7 | 6 | 6 L | ıg/Kg | U I | V |
| `~ | | BH00070AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | 6 | (6 L | ıg/Kg | U | V |
| | | BH00085AE | 14 | 14 FT | | CHLOROBENZENE | | 108-90-7 | 6 | 6 L | ıg/Kg | U | V |
| - 1 | | BH00078AE | 6) | 6 FT | Ĩ | CHLOROBENZENE | 1 | 108-90-7 | 6 | 6 L | ıg/Kg | U | V |
| - 10 | 05393 | BH00080AE | 8 | 9∤FT | | CHLOROBENZENE | | 108-90-7 | 6 | 6 u | ig/Kg | U | v |
| - F | 10093 | BH40171AE | 10; | 10 FT | T | CHLOROBENZENE | 1 | 108-90-7 | 30 | | | | v i |
| Ī | 10293 | BH40120AE | 6 | 6 FT | Ť, | CHLOROBENZENE | | 108-90-7 | 6 | | | | V |
| 1 | 0293 | BH40120AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | | V |
| Ţ, | | BH40125AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | | ř – |
| ٠. | | BH40125AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | | |
| | | BH40161AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | | | | | V |
| | | BH40029AE | 7 | 7/FT | | | | 108-90-7 | 6; | | | | V |
| ٠. | · | BH40205AE | 9 | | | CHLOROBENZENE | | | 5 | | | | V |
| - | | | | 10 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | | V |
| <u>ا</u> | | BH40208AE | 31 | 31 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | U I | |
| - | | BH40051AE | 6) | 6∤FT | | CHLOROBENZENE | | 108-90-7 | 5 _i | 5) u | g/Kg | U | V |
| | | BH40053AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | 7 | 7(0 | g/Kg | ין ט | V |
| - | | BH40198AE | 6' | 6 FT | | CHLOROBENZENE | | 108-90-7 | 6 | 6 u | g/Kg | יו ט | V |
| | | BH40216AE | 7, | 8 FT | T | CHLOROBENZENE | | 108-90-7 | 6 | 6 u | g/Kg | U | v |
| 4 | 11693 | BH40219AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 7 | | g/Kg | | V |
| Ţ | 1693 | BH40221AE | 10 | 10 FT | - 10 | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg | | |
| 1 | 1693 | BH40223AE | 17 | 17 FT | 10 | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg | | |
| | | BH40066AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | | | v |
| - | | BH40104AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 61 | | | U | |
| | ····· | BH40437AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | | | | | |
| | | BH40090AE | 10 | 10 FT | | CHLOROBENZENE | | | 5 | | g/Kg | | |
| | | BH40255AE | 7 | | | | | 108-90-7 | 6 | | g/Kg | | |
| | | | | 8;FT | | CHLOROBENZENE | | 108-90-7 | 5) | | g/Kg | | |
| | | BH40257AE | 11 | 11 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg | | |
| | | BH40263AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 5 | | g/Kg | | |
| | | BH40265AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | 6 | 6 u | g/Kg | U (N | / |
| | | BH40289AE | 10 | 10 FT | | CHLOROBENZENE | | 108-90-7 | 61 | 6 u | g/Kg | U !\ | / |
| | | 3H40294AE | 10 | 10/FT | - 10 | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg | | |
| | | 3H40142AE | 9 | 10 FT | 10 | CHLOROBENZENE | | 108-90-7 | 7 | | g/Kg | | |
| 4 | | 3H40147AE | 14 | 14 FT | 10 | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg | | |
| 14 | 3193 | 3H40308AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 5 | | g/Kg | | |
| | | 3H40331AE | 9 | 9 FT | | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg i | | |
| | | 3H40323AE | 10 | 10;FT | | CHLOROBENZENE | | 108-90-7 | 6 | | g/Kg i | | |
| ~ | ***** | 3H40342AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 5; | | g/Kg | | |
| | | 3H40344AE | 9 | 10 FT | | CHLOROBENZENE | | 108-90-7 | | | | | |
| | | 3H40347AE | 13 | 13/FT | | CHLOROBENZENE | | | 5 | | g/Kg | | |
| | | 3H40336AE | | | | | | 108-90-7 | 6 | | g/Kg į | | |
| - | | | 9 | 9 FT | | CHLOROBENZENE | | 108-90-7 | 5 | | g/Kg | | |
| | | 3H40339AE | 14 | 14 FT | | CHLOROBENZENE | | 108-90-7 | 6) | | g/Kg | | |
| | | 3H40072AE | 6 | 6 FT | | CHLOROBENZENE | | 108-90-7 | 6 | 6 บ | g/Kg i | U , IV | / |
| 4 | 3893 E | 3H40076AE | 9 | 9 FT | 10 | CHLOROBENZENE | | 108-90-7 | 6 | 6 u | g/Kg | | |
| | | | | | | | | | | | | | |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAR DEPTH VALIDATION LOCATION DEPTH UNIT DETECTION RESULT 4.4 START END CODE CODE SAMPLE NUMBER CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER Analyte 43893 CHLOROBENZENE 108-90-7 BH40074AF 12 13 FT 5 ug/Kg U 43893 BH40077AF 15 15 FT CHLOROBENZENE 108-90-7 31 31 ug/Kg U īV 43993 BH40360AE 16 17 FT CHLOROBENZENE 108-90-7 7 7 ug/Kg |U IV 44093 BH40350AE 6 6 F CHLOROBENZENE 108-90-7 6 6 ug/Kg |U IV 108-90-7 44093 BH40352AE 14 15 FT CHLOROBENZENE 6 6 ug/Kg | U ١v 44393 BH40037AE 10 FT CHLOROBENZENE 108-90-7 10 6 6 ug/Kg |U 44593 10 FT CHLOROBENZENE 108-90-7 6 ug/Kg |U BH40004AE 10 5 N CHLOROBENZENE 44593 BH40006AE 14 14|F7 108-90-7 6 ug/Kg U 6 ug/Kg U 44893 BH40189AE 6 6FT CHLOROBENZENE 108-90-7 īv 7 F CHLOROBENZENE 108-90-7 6 ug/Kg U IV 44893 BH40192AE 6 12 FT 44893 BH40195AF 12 CHLOROBENZENE 108-90-7 6 6 ug/Kg !U īv CHLOROBENZENE īV 44893 BH40194AE 16 16 FT 108-90-7 6 6 ug/Kg | U CHLOROBENZENE 45693 BH40373AE 9 9 FT 108-90-7 6 6 ug/Kg U !V 45893 BH40381AE 9 10 FT CHLOROBENZENE 108-90-7 5 5 ug/Kg U iV 46193 BH40387AE 8 8 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg U īV 46593 BH40704AE 6 7 F CHLOROBENZENE 108-90-7 5 6 ug/Kg U IV 46593 BH40712AE 10 FT CHLOROBENZENE 5 6 ug/Kg U 10 108-90-7 IV CHLOROBENZENE 6 ug/Kg |U 46693 BH40719AE 6 6 F7 108-90-7 5 CHLOROBENZENE 46693 BH40727AE 14 15 FT 108-90-7 6 ug/Kg !U 46793 BH40733AE 6 6 F CHLOROBENZENE 108-90-7 5 6 ug/Kg !U ĪV 46793 BH40741AE 8 FT CHLOROBENZENE 108-90-7 5 8 6 ug/Kg U IV 46893 BH40747AE CHLOROBENZENE 108-90-7 5 6 ug/Kg | U V 6 F1 6 BH40750AE 108-90-7 46893 10 10 FT CHLOROBENZENE 5 5 ug/Kg U IV BH40755AF CHI OROBENZENE 5 6 ug/Kg U 46893 12 12 FT 108-90-7 IV 46993 BH40769AF 7 FT CHI OROBENZENE 108-90-7 5 6 ug/Kg |U IV P208989 SEP1789BR0810 9 11 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg |U īV P208989 SEP1789BR1214 13 15 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg U īv P208989 SEP1789BR1618 17 19 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg U SEP1989BR0810 10 FT CHLOROBENZENE 5 ug/Kg U P209189 8 108-90-7 5 SEP1989BR1214 CHLOROBENZENE P209189 12 14 FT 108-90-7 6 6 ug/Kg |U SEP1989BR1618 P209189 16 18 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg U V P209189 SEP1989BR2021 CHLOROBENZENE 20 21 FT 108-90-7 6 6 ug/Kg U IV P209189 SEP1989BR2223 23 FT CHLOROBENZENE 22 108-90-7 6 6 ug/Kg |U IV P209489 SEP2289BR0810 8 10 FT CHLOROBENZENE 1108-90-7 6 6 ug/Kg |U V P209489 SEP2289BR1618 16 18 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg | U IV P209489 6 ug/Kg |U SEP2289BR2022 20 22 FT CHLOROBENZENE 108-90-7 6 īV P209889 SEP2689BR0810 я 10 FT CHLOROBENZENE 1108-90-7 Ē 6 ug/Kg U īv P209889 SEP2689BR1214 12 13 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg |U IV P240189 SEP3089BR0810 9 9 F 7 CHLOROBENZENE 108-90-7 690 690 ug/Kg | U SEP3089BR1214 14 FT CHLOROBENZENE P210189 13 108-90-7 610 610 ug/Kg |U CHLOROBENZENE P210189 SEP3089BR1618 17 19 FT 108-90-7 690 690 ug/Kg | U P210189 SEP3089BR2022 21 23 FT CHLOROBENZENE 108-90-7 690 ug/Kg | U V 690 P210189 SEP3089BR2426 CHLOROBENZENE 740 25 27 FT 108-90-7 740 ug/Kg [U V P210289 SEP3189BR0810 10 F CHLOROBENZENE IV 8 108-90-7 6 6 ug/Kg U P210289 SEP3189BR1214 12 14 FT CHLOROBENZENE 108-90-7 6 6 ug/Kg |U īV P210289 SEP3189BR1618 16 18 F CHLOROBENZENE 108-90-7 6 6 ug/Kg U V 13 ug/Kg U 05093 BH00065AF 10 10 FT CHLOROETHANE 75-00-3 13 IV 05193 BH00068AE 6 6 F CHLOROETHANE 175-00-3 12 12 ug/Kg U IV 05193 BH00070AE 10 10 FT CHLOROETHANE 175-00-3 12 12 ug/Kg U V 05193 BH00085AE 14 14 FT CHLOROETHANE 75-00-3 12 12 ug/Kg |U CHLOROETHANE 05393 BH00078AE 6 FT 75-00-3 12 ug/Kg U IV 05393 BH00080AF 9 F1 CHLOROETHANE 75-00-3 12 12 ug/Kg !U 40093 BH40171AE 10 10 FT CHLOROETHANE 75-00-3 īV 61 61 ug/Kg |U 40293 BH40120AE 6 FT CHLOROETHANE 75-00-3 12 6 12 ug/Kg | U 40293 BH40120AE 6 FT CHLOROETHANE 75-00-3 V 6 12 12 ug/Kg |U 40393 BH40125AE 6 6 FT CHLOROETHANE 75-00-3 12 12 ug/Kg |U īV 40393 BH40125AF 6 6 F CHLOROETHANE 75-00-3 12 12 ug/Kg |U ĪV 40793 BH40161AF 10 10 FT CHLOROETHANE 75-00-3 12 12 ug/Kg U v 40893 BH40029AE 7 FT CHLOROETHANE 75-00-3 10 īv 12 ug/Kg U 40993 BH40205AE 9 10 FT CHLOROETHANE 75-00-3 11 11 ug/Kg U 40993 BH40208AE 31 31 FT CHLOROETHANE 75-00-3 12 ug/Kg U 41193 BH40051AE 6 6FT CHLOROETHANE 75-00-3 11 īV 11 ug/Kg | U 41193 BH40053AE 10 10 FT CHLOROETHANE 75-00-3 13 13 ug/Kg | U IV BH40198AE 141293 6 FT CHLOROETHANE 6 75-00-3 12 12 ug/Kg U IV 41593 CHLOROETHANE BH40216AE 8 FT 75-00-3 12 12 ug/Kg U IV 41693 BH40219AE 6 FT 6 CHLOROETHANE 75-00-3 14 14 ug/Kg U IV 41693 BH40221AF 10 FT 10 CHI OROFTHANE 75-00-3 11 11 ug/Kg U IV 41693 BH40223AF 17 17 FT CHLOROFTHANE 75-00-3 12 12 ug/Kg U W 41993 BH40066AF 10 10 FT CHLOROETHANE 75-00-3 12 12 ug/Kg U īV 42093 BH40104AE 6 6 FT CHLOROETHANE 75-00-3 12 12 ug/Kg U IV 11 ug/Kg U 42193 BH40437AE 6 6 FT CHLOROETHANE 175-00-3 11 ĪV 42193 BH40090AE 10 10 FT CHLOROETHANE 75-00-3 12 12 ug/Kg U 42293 BH40255AE CHLOROETHANE 8 FT 75-00-3 10 ug/Kg U BH40257AE CHLOROETHANE 42293 11|FT 175-00-3 12 12 ug/Kg |U IJ BH40263AE 6 FT CHLOROETHANE 75-00-3 6 10 10 ug/Kg |U īV

| • | Table | e A.10 Sol | ar Evaporation I | Ponds AOC - Analytical Results for Si | ubsurface Soil | s Greater Than | n 6 Feet - Organics | | |
|---------------------------------------|----------------------------------|------------|---|---------------------------------------|----------------------|--------------------|----------------------------------|-------------|----------------------|
| · · · · · · · · · · · · · · · · · · · | | | | | 1,741 | | | LAB | |
| LOCATION | | | DEPTH UNIT | Analyte | CAS NO | DETECTION LIMIT | RESULT UNITS | | VALIDATION QUALIFIER |
| 42393 | BH40265AE | 10 | 10 FT | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | U . | V |
| 42493 42593 | BH40289AE BH40294AE | 10 | 10 FT 10 FT | CHLOROETHANE CHLOROETHANE | 75-00-3 175-00-3 | 12 | | | IV |
| 42993 | BH40142AE | 9 | | CHLOROETHANE | 75-00-3 | 13 | | | V |
| 42993 | BH40147AE | 14 | | CHLOROETHANE | 75-00-3 | 12 | | | V |
| 43193 | BH40308AE | 6 | | CHLOROETHANE | 75-00-3 | 10 | | | V |
| 43393 43493 | BH40331AE BH40323AE | 9 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 11 | | | V V |
| 43693 | BH40342AE | 6 | | CHLOROETHANE | 75-00-3 | 11 | | | V |
| 43693 | BH40344AE | 9 | | CHLOROETHANE | 75-00-3 | 11 | | | V |
| 43693 43793 | BH40347AE BH40336AE | 13 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 11 | | | IV IV |
| 43793 | BH40339AE | 14 | | CHLOROETHANE | 175-00-3 175-00-3 | 12 | | | V |
| 43893 | BH40072AE | 6 | | CHLOROETHANE | 75-00-3 | 11 | | | V |
| 43893 | BH40076AE | 9 | | CHLOROETHANE | 75-00-3 | 11 | | | V |
| 43893 43893 | BH40074AE BH40077AE | 12 15 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 11 61 | | | V |
| 43993 | BH40360AE | 16 | | CHLOROETHANE | 75-00-3 | 13 | | | v |
| 44093 | BH40350AE | 6 | | CHLOROETHANE | 75-00-3 | 11 | 11 ug/Kg | | V |
| 44093 44393 | BH40352AE BH40037AE | 14 10 | 15 FT 10 FT | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 13 | | | V V |
| 44593 | BH40004AE | 10 | | CHLOROETHANE | 75-00-3 | 13 | | | V |
| 44593 | BH40006AE | 14 | 14 FT | CHLOROETHANE | 75-00-3 | 10 | 13 ug/Kg | U | V |
| 44893 | BH40189AE | 6 | | CHLOROETHANE | 75-00-3 | 11 | | | V |
| 44893 · | BH40192AE BH40195AE | 7 12 | | CHLOROETHANE CHLOROETHANE | 75-00-3 175-00-3 | 13 11 | | | V V |
| 44893 | BH40194AE | 16 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | | v |
| 45693 | BH40373AE | 9 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | U | V |
| 45893 46193 | BH40381AE BH40387AE | 9 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 11 | | | V |
| 46593 | BH40704AE | 6 | | CHLOROETHANE | 175-00-3 | 12 10 | 12 ug/Kg 11 ug/Kg | | V |
| 46593 | BH40712AE | 10 | | CHLOROETHANE | 75-00-3 | 10 | | | V |
| 46693 | BH40719AE | 6 | | CHLOROETHANE | 75-00-3 | 10 | | | J |
| 46693 46793 | BH40727AE BH40733AE | 14 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 10 10 | 12 ug/Kg 12 ug/Kg | 1 | V V |
| 46793 | BH40741AE | 8 | | CHLOROETHANE | 75-00-3 | 10 | 12 ug/Kg | | v |
| 46893 | BH40747AE | 6 | | CHLOROETHANE | 75-00-3 | 10 | 11 ug/Kg | Ū | V |
| 46893 46893 | BH40750AE BH40755AE | 10 12 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 10 | 11 ug/Kg | | V |
| 46993 | BH40769AE | 7. | | CHLOROETHANE | 75-00-3 | 10 10 | 12 ug/Kg 13 ug/Kg | | V V |
| P208989 | SEP1789BR0810 | 9 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | | V |
| P208989 P208989 | SEP1789BR1214 SEP1789BR1618 | 13 | | CHLOROETHANE | 75-00-3 | 12 | | | V |
| | SEP1989BR0810 | 17 8 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 11 | 12 ug/Kg 11 ug/Kg | | V |
| | SEP1989BR1214 | 12 | *************************************** | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | | · |
| | SEP1989BR1618 | 16 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | | V |
| | SEP1989BR2021 SEP1989BR2223 | 20 22 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 12 | 12 ug/Kg 12 ug/Kg | | V |
| P209489 | SEP2289BR0810 | 8 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | | v - |
| P209489 | SEP2289BR1618 | 16 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | Ū | V |
| | SEP2289BR2022 SEP2689BR0810 | 20 8 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 11 | 11 ug/Kg | | v v |
| | SEP2689BR1214 | 12 | | CHLOROETHANE | 75-00-3 | 13j | 13 ug/Kg 13 ug/Kg | | * |
| P210189 | SEP3089BR0810 | 9 | 9FT | CHLOROETHANE | 75-00-3 | 1400 | 1400 ug/Kg | U į | V |
| | SEP3089BR1214 | 13 | | CHLOROETHANE | 75-00-3 | 1200 | 1200 ug/Kg (1 | | V |
| | SEP3089BR1618 SEP3089BR2022 | 17 21 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 1400 1400 | 1400 ug/Kg 1 1400 ug/Kg 1 | | V |
| P210189 | SEP3089BR2426 | 25 | | CHLOROETHANE | 75-00-3 | 1500 | 1500 ug/Kg | | v |
| | SEP3189BR0810 | 8 | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg | J | V |
| | SEP3189BR1214 SEP3189BR1618 | 12 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 12 12 | 12 ug/Kg 1 12 ug/Kg 1 | | V V |
| | BH00065AE | 10 | | CHLOROFORM | 67-66-3 | 6 | 6 ug/Kg | | v |
| 05193 | BH00068AE | 6 | 6 FT | CHLOROFORM | 67-66-3 | 6 | 6 ug/Kg | Ú | V |
| | BH00070AE BH00085AE | 10 | | CHLOROFORM | 67-66-3 | 6 | 6 ug/Kg | | V |
| | BH00085AE | 14 | | CHLOROFORM CHLOROFORM | 67-66-3 67-66-3 | 6 | 6 ug/Kg I | | v v |
| 05393 | BH00080AE | 8 | 9 FT | CHLOROFORM | 67-66-3 | 6 | 6 ug/Kg | | v |
| | BH40171AE | 10 | | CHLOROFORM | 67-66-3 | 30 | 30 ug/Kg | | V |
| | BH40120AE BH40120AE | 6 | | CHLOROFORM CHLOROFORM | 67-66-3 167-66-3 | 6 | 6 ug/Kg l | | V |
| | BH40125AE | 6 | | CHLOROFORM | 67-66-3 | 6 | 6 ug/Kg | | v |
| | BH40125AE | 6 | | CHLOROFORM | 67-66-3 | 6 | 6 ug/Kg | J | V |
| | BH40161AE BH40029AE | 10 | | CHLOROFORM CHLOROFORM | 67-66-3 67-66-3 | 6 | 6 ug/Kg | | <u>v</u> |
| | BH40205AE | 9 | | CHLOROFORM | 67-66-3 | 5 | 6 ug/Kg l | | V V |
| | | | -1: 1 | | | <u> </u> | | | |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB * 10 Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Salar Sa DEPTH DEPTH UNIT 表面目 . . VALIDATION RESULT LOCATION DETECTION SAMPLE NUMBER END CODE START CODE CAS NO RESULT UNITS QUALIFIER QUALIFIER Analyte LIMIT CHLOROFORM 40993 BH40208AE 31 31/FT 67-66-3 6 ug/Kg U 41193 BH40051AE 6 FT CHLOROFORM 67-66-3 5|ug/Kg |U īv 41193 BH40053AE 10 10 FT CHLOROFORM 67-66-3 7 ug/Kg |U IV 41293 BH40198AE 6 6FT CHLOROFORM 67-66-3 6 ug/Kg U IV 41593 BH40216AE 8'FT CHLOROFORM 67-66-3 6 ug/Kg U 41693 BH40219AE 6 6,FT CHLOROFORM 67-66-3 īν 7|ug/Kg |U 41693 BH40221AE 10 CHLOROFORM 6 ug/Kg U 6 ug/Kg JU 10 F 67-66-3 41693 BH40223AE 17 17:FT CHLOROFORM 67-66-3 6 41993 BH40066AE CHLOROFORM 10 10 F 167-66-3 6 6 ug/Kg ¡U 6 ug/Kg U BH40104AE CHLOROFORM ī 42093 6 6 F 167-66-3 6 42193 BH40437AE CHLOROFORM 67-66-3 5 ug/Kg U īν 42193 BH40090AE 10 10 FT CHLOROFORM 67-66-3 6 6 ug/Kg U IV BH40255AE CHLOROFORM 42293 8 F 167-66-3 5 5 ug/Kg U IJ 42293 BH40257AE 11 11 FT CHLOROFORM 67-66-3 6 6 ug/Kg |U 1.1 42393 BH40263AE CHLOROFORM 61 6 FT 67-66-3 5 5 ug/Kg |U īV BH40265AE 42393 10 10 FT CHLOROFORM 67-66-3 6 6 ug/Kg |U IV 42493 BH40289AF CHLOROFORM 10 10'FT 67-66-3 6 ug/Kg |U ĪV 42593 BH40294AF CHLOROFORM 10 10 FT 67-66-3 6 6 ug/Kg U 7 ug/Kg U 42993 BH40142AE 9 10:FT CHLOROFORM 67-66-3 íV 42993 BH40147AE 14 14 FT CHLOROFORM 167-66-3 6 6 ug/Kg | U 43193 BH40308AE 6 6FT CHLOROFORM 67-66-3 5 5 ug/Kg |U 43393 BH40331AE 9 FT CHLOROFORM 67-66-3 9 6 ug/Kg IU 43493 BH40323AF 10 10 FT CHLOROFORM 167-66-3 6 6 ug/Kg | U ĪV 43693 BH40342AE 6FT CHLOROFORM 6 167-66-3 ĪV 5 ug/Kg |U 43693 BH40344AE 10 FT CHLOROFORM 67-66-3 5 ug/Kg |U ĪΫ 43693 BH40347AE CHLOROFORM 13 13 F 67-66-3 6 ug/Kg | U IV 43793 BH40336AE CHLOROFORM 9 9 F 67-66-3 5 5 ug/Kg |U IV 43793 BH40339AE 14 F CHLOROFORM 67-66-3 6 6 ug/Kg U V 43893 BH40072AE 6 6FT CHLOROFORM 67-66-3 6 īv 6 ug/Kg U 43893 BH40076AE 9 FT CHLOROFORM 9 167-66-3 6 6 ug/Kg | U V 43893 BH40074AE 12 13 FT CHLOROFORM 67-66-3 5 5 ug/Kg (U IV 43893 BH40077AE 15 FT CHLOROFORM 15 67-66-3 31 31 ug/Kg | U īV 43993 †BH40360AE CHLOROFORM 7 ug/Kg U 16 17 FT 167-66-3 IV 44093 1BH40350AE CHLOROFORM 6 6 FT 67-66-3 6 6 ug/Kg U ⅳ 44093 BH40352AF 14 15 F CHLOROFORM 67-66-3 6 6 ug/Kg |U 44393 BH40037AE 10 10 FT CHLOROFORM 167-66-3 6 ug/Kg |U 6 44593 BH40004AE 10 10 FT CHLOROFORM 67-66-3 6 ug/Kg |U 44593 BH40006AE 14 14 FT CHLOROFORM 67-66-3 6 ug/Kg (U V 44893 BH40189AE 6 6 FT CHLOROFORM 67-66-3 6 6 ug/Kg |U IV 44893 BH40192AE 7/FT CHLOROFORM 7 67-66-3 6 6 ug/Kg U īV 44893 BH40195AE 12 CHLOROFORM 12 F 67-66-3 6 6 ug/Kg U ۱v 44893 BH40194AE CHLOROFORM 16 16 F 67-66-3 6 6 ug/Kg U IV 45693 BH40373AE CHLOROFORM 9F 67-66-3 6 ug/Kg U 6 īV 45893 BH40381AE CHLOROFORM 9 10 F 67-66-3 IV 5 5 ug/Kg U 46193 BH40387AE 8 8FT CHLOROFORM 67-66-3 6 6 ug/Kg U íν 46593 BH40704AE 6 7 FT CHLOROFORM 167-66-3 5 6 ug/Kg U īv 46593 BH40712AE CHLOROFORM 10 10 FT 67-66-3 5 6 ug/Kg U īV 46693 BH40719AE CHLOROFORM 6 6 FT 67-66-3 5 6 ug/Kg U J BH40727AE 46693 14 15 FT CHLOROFORM 167-66-3 5 6 ug/Kg |U V 46793 IBH40733AE CHLOROFORM 6 6 FT 67-66-3 6 ug/Kg | U 46793 BH40741AE 8 8 FT CHLOROFORM 67-66-3 6 ug/Kg |U 5 46893 BH40747AF 6 SET CHLOROFORM 67-66-3 5 6 ug/Kg |U 46893 BH40750AF 10 10 FT CHLOROFORM 67-66-3 V 5 5 ug/Kg |U 46893 BH40755AF 12 12 FT CHLOROFORM 67-66-3 5 6 ug/Kg U 46993 BH40769AF 7 7|F1 CHLOROFORM 67-66-3 5 6 ug/Kg (U V P208989 SEP1789BR0810 11 FT CHLOROFORM 9 67-66-3 6 6 ug/Kg |U V 15 FT P208989 SEP1789BR1214 13 CHLOROFORM 67-66-3 6 V 6 ug/Kg U P208989 SEP1789BR1618 17 CHLOROFORM 19 F 67-66-3 6 6 ug/Kg U īv P209189 SEP1989BR0810 10 F CHLOROFORM 67-66-3 5 5 ug/Kg U īv P209189 SEP1989BR1214 12 14 FT CHLOROFORM 67-66-3 6 6 ug/Kg U īV SEP1989BR1618 P209189 16 18 FT CHLOROFORM 67-66-3 6 ug/Kg U 6 īV P209189 SEP1989BR2021 CHLOROFORM 20 21|F1 67-66-3 6 6 ug/Kg |U īV SEP1989BR2223 22 23 FT CHLOROFORM 67-66-3 6 6 ug/Kg | U īv P209489 SEP2289BR0810 CHLOROFORM 8 10 FT 67-66-3 6 6 ug/Kg | U īV P209489 SEP2289BR1618 16 18 F7 CHLOROFORM 167-66-3 6 6 ug/Kg |U IV P209489 SEP2289BR2022 CHLOROFORM 20 22 FT 67-66-3 6 6 ug/Kg |U V P209889 SEP2689BR0810 10 FT CHLOROFORM 8 67-66-3 6 ug/Kg | U P209889 SEP2689BR1214 167-66-3 6 ug/Kg U 12 13 FT CHLOROFORM P210189 SEP3089BR0810 CHLOROFORM 9 9 F 67-66-3 690 690 ug/Kg 1U SEP3089BR1214 67-66-3 P210189 13 14 FT CHLOROFORM 610 ug/Kg U V 610 P210189 SEP3089BR1618 17 19 F CHLOROFORM 67-66-3 690 690 ug/Kg | U P210189 SEP3089BR2022 21 23 FT CHLOROFORM 67-66-3 690 690 ug/Kg |U P210189 SEP3089BR2426 25 27 F CHLOROFORM 740 ug/Kg |U 67-66-3 740 P210289 SEP3189BR0810 8 10: FT CHLOROFORM 67-66-3 6 ug/Kg |U īV 6 P210289 SEP3189BR1214 14 FT CHLOROFORM 67-66-3 6 ug/Kg |U

| | | \$ 1 | 2.7 | y 1 974 | Ponds AOC - Analytical Results for Su | 1.77 | , \$\$ y | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | t seems y | " Company | LAB | |
|----------------|--------------------------------|----------------|----------------|--|---------------------------------------|---------------------|----------|---------------------------------------|-------------|------------------|------------------|-------------------------|
| LOCATION | SAMPLE NUMBER | DEPTH START | | UNIT. | Analyte | CAS | NO | DETECTION | RESULT | UNITS | RESULT QUALIFIER | VALIDATION QUALIFIER |
| | SEP3189BR1618 | 16 | 18 | FT | CHLOROFORM | 67-66-3 | 3 | 6 | E | ug/Kg | U | V |
| 05093 05193 | BH00065AE BH00068AE | 10 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 13 | | ug/Kg ug/Kg | | V V |
| 05193 | BH00070AE | 10 | 10 | FT | CHLOROMETHANE | 74-87-3 | 3 | 12 | 12 | ug/Kg | Ü | V |
| | BH00085AE BH00078AE | 14 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | l 12 | | | | V |
| 05393 | BH00080AE | 8 | | FT | CHLOROMETHANE | 74-87-3 | | 12 | | ug/Kg | | V |
| 40093 40293 | BH40171AE BH40120AE | 10 | ` | | CHLOROMETHANE | 74-87-3 | | 61 | | lug/Kg | | V |
| 40293 | BH40120AE | 6 | <u> </u> | FT FT | CHLOROMETHANE CHLOROMETHANE | 74-87-3 | | 12 12 | | | | V |
| 40393 | BH40125AE | 6 | | FT | CHLOROMETHANE | 74-87-3 | | 12 | 12 | ug/Kg i | U | V |
| 40393 40793 | BH40125AE BH40161AE | 10 | | FT | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 12 | | ug/Kg ug/Kg | | V |
| 40893 | BH40029AE | 7 | | FT | CHLOROMETHANE | 74-87-3 | | 10 | | | | V |
| | BH40205AE BH40208AE | 9 31 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 11 12 | | | | ٧ |
| | BH40051AE | 6 | <u></u> | FT | CHLOROMETHANE | 74-87-3 | | 11 | | ug/Kg ug/Kg | | V |
| 41193 | BH40053AE | 10 | | | CHLOROMETHANE | 74-87-3 | | 13 | 13 | ug/Kg | υ | V |
| | BH40198AE BH40216AE | 6 7 | | FT FT | | 74-87-3 74-87-3 | | 12 12 | | ug/Kg ug/Kg | | V |
| 41693 | BH40219AE | 6 | | FT | CHLOROMETHANE | 74-87-3 | | 14 | | ug/Kg | | v · |
| | BH40221AE | 10 17 | | | CHLOROMETHANE | 74-87-3 | | 11 | 11 | ug/Kg | U | V |
| | BH40223AE BH40066AE | 17 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 12 | | ug/Kg ug/Kg | | V V |
| 42093 | BH40104AE | 6 | 6 | FT | CHLOROMETHANE | 74-87-3 | 3 | 12 | | ug/Kg | | · |
| | BH40437AE BH40090AE | 6 10 | | | | 74-87-3 | | 11 | | ug/Kg | | V |
| | BH40255AE | 7 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 12 1 10 | | ug/Kg ug/Kg | | <u>)</u> |
| | BH40257AE | 11 | | | CHLOROMETHANE | 74-87-3 | | 12 | 12 | ug/Kg | U | J |
| | BH40263AE BH40265AE | 6 10 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 10 12 | | | | V V |
| | BH40289AE | 10 | | | CHLOROMETHANE | 74-87-3 | | 12 | | ug/Kg | | V |
| | BH40294AE | 10 | | | | 74-87-3 | | 12 | 12 | ug/Kg | U | V |
| | BH40142AE BH40147AE | 9/ | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 13 12 | | | | V V |
| | BH40308AE | 6 | | | CHLOROMETHANE | 74-87-3 | | 10 | | ug/Kg | | V |
| | BH40331AE | 9 | | | | 74-87-3 | | 12 | 12 | ug/Kg | U | V |
| | BH40323AE BH40342AE | 10 . 6 | | FT | | 74-87-3 74-87-3 | | 11 | | ug/Kg ug/Kg | | V V |
| 43693 | BH40344AE | 9 | | | | 74-87-3 | | 11 | | ug/Kg | | v |
| | BH40347AE BH40336AE | 13 9 | | | | 74-87-3 | | 12 | | ug/Kg | | V |
| | BH40339AE | 14 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 11 12 | | ug/Kg i | | v v |
| | BH40072AE | 6 | | FT | CHLOROMETHANE | 74-87-3 | | 11 | 11 | ug/Kg | U | V |
| | BH40076AE BH40074AE | 9 12 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 11 | | ug/Kg ug/Kg | | v V |
| | BH40077AE | 15 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | 74-87-3 | | 61 | | ug/Kg | | * |
| | BH40360AE | 16 | | | CHLOROMETHANE | 74-87-3 | | 13 | | ug/Kg | | V |
| | BH40350AE BH40352AE | 14 | | | | 74-87-3 74-87-3 | | 11 12 | | | | v V |
| 44593 | BH40004AE | 10 | | | CHLOROMETHANE | 74-87-3 | | 10 | | ug/Kg | | v |
| | BH40006AE BH40189AE | 14 | | | | 74-87-3 | | 10 | | ug/Kg | | V |
| | BH40192AE | 7 | | | | 74-87-3 74-87-3 | | 11j | | ug/Kg ug/Kg | | <u>v</u> |
| 44893 | BH40195AE | 12 | 12 | FT | CHLOROMETHANE | 74-87-3 | | 11 | 11 | ug/Kg | U i | V |
| | BH40194AE BH40373AE | 16 9 | | | | 74-87-3 74-87-3 | | 12 | | ug/Kg | | V |
| | BH40381AE | 9 | | | | 74-87-3 | | 12 | | ug/Kg ug/Kg | | v V |
| | BH40387AE | 8 | | | | 74-87-3 | | 12 | 12 | ug/Kg | U | V |
| | BH40704AE BH40712AE | 10 | 7 _[| | | 74-87-3 74-87-3 | | 10, 10 | | ug/Kg ug/Kg | | v v |
| | BH40719AE | 6 | | | | 74-87-3 | | 10 | | ug/Kg | | J |
| | BH40727AE | 14 | | | | 74-87-3 | | 10 | 12 | ug/Kg | U | V |
| | BH40733AE BH40741AE | 6 8 | | | | 74-87-3 74-87-3 | | 10 | | ug/Kg ug/Kg | | v V |
| 46893 | BH40747AE | 6 | 6 | FT | CHLOROMETHANE | 74-87-3 | | 10 | | ug/Kg | | v V |
| | BH40750AE BH40755AE | 10 | 10 | | | 74-87-3 | | 10 | | ug/Kg | U | V |
| | BH40769AE | 12 | | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | | 10 | | ug/Kg ug/Kg | | <u>v</u> |
| P208989 | SEP1789BR0810 | 9 | 11 | FT | CHLOROMETHANE | 74-87-3 | | 12 | 12 | ug/Kg | J į | V |
| | SEP1789BR1214 SEP1789BR1618 | 13 17 | 15 19 | | | 74-87-3 74-87-3 | | 12 | | ug/Kg | | v v |
| | SEP1989BR0810 | 8 | 10 | | | 74-87-3 | | 12 | | ug/Kg ug/Kg | | v V |
| P2Q9189 | SEP1989BR1214 | 12 | 14 | - 1 | CHLOROMETHANE | 74-87-3 | | 12 | 12 | ug/Kg | J į | V |
| P209189 | SEP1989BR1618 | 16 | 18 | -T | CHLOROMETHANE | 74-87-3 | | 12 | 12 | ug/Kg | n i | V |

5)

| · | | e A.10 So | lar Evapo | | Ponds AOC - Analytical Results for Su | bsurface Soil | | | | | |
|---|---------------------------------|-----------|---|--------------|--|--------------------------|--------------|-------------|------------------|-------------|--------------|
| LOCATION | | DEPTH | DEPTH | IINIT | | | DETECTION | San San San | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | | CODE | Analyte | CAS NO | LIMIT | RESULT | UNITS | | QUALIFIER |
| P209189 | SEP1989BR2021 | 20 | *************************************** | | CHLOROMETHANE | 74-87-3 | 12 | 12 | ug/Kg | Ü | V |
| P209189 | SEP1989BR2223 | 22 | | | CHLOROMETHANE | 74-87-3 | 12 | | | | <u>V</u> |
| P209489 P209489 | SEP2289BR0810 SEP2289BR1618 | 16 | | FT | CHLOROMETHANE CHLOROMETHANE | 74-87-3 74-87-3 | 12 | | ug/Kg ug/Kg | | V |
| P209489 | SEP2289BR2022 | 20 | | | CHLOROMETHANE | 74-87-3 | 11 | | ug/Kg | | v |
| P209889 | ISEP2689BR0810 | 8 | | | CHLOROMETHANE | 74-87-3 | 13 | · | ug/Kg | | V |
| P209889 | SEP2689BR1214 | 12 | | | | 74-87-3 | 13 | | | | V |
| P210189 P210189 | SEP3089BR0810 SEP3089BR1214 | j 9 13 | | | | 74-87-3 74-87-3 | 1400 1200 | | | | <u>v</u> |
| | SEP3089BR1618 | 17 | | | CHLOROMETHANE | 74-87-3 | 1400 | | | | <u>v</u> |
| P210189 | SEP3089BR2022 | 21 | | | CHLOROMETHANE | 74-87-3 | 1400 | | ug/Kg | | v |
| P210189 | SEP3089BR2426 | 25 | | | CHLOROMETHANE | 74-87-3 | 1500 | | | | V ' |
| P210289 P210289 | SEP3189BR0810 SEP3189BR1214 | 8 | | | CHLOROMETHANE | 74-87-3 74-87-3 | 12 | | ug/Kg | | <u>V</u> |
| P210289 | SEP3189BR1618 | 12 16 | 14 18 | | CHLOROMETHANE CHLOROMETHANE | 74-87-3 | 12 | | ug/Kg ug/Kg | | v v |
| 42193 | BH40086AE | 10 | | | CHRYSENE | 218-01-9 | 410 | | | | v ····· |
| 42193 | BH40091AE | 16 | 22 | | CHRYSENE | 218-01-9 | 410 | 410 | | | V |
| 42193 | BH40430AE | 22 | 28 | | CHRYSENE | 218-01-9 | 400 | | | | V |
| 42193 | BH40433AE BH40256AE | 28 6 | | | | 218-01-9 218-01-9 | 400 | | ug/Kg ug/Kg | | J |
| 42293 | BH40258AE | 11 | 13 | | CHRYSENE | 218-01-9 | 400 | | | | V |
| 42593 | BH40450AE | 8 | 10 | | CHRYSENE | 218-01-9 | 380 | | ug/Kg | | v |
| 42593 | BH40290AE | 10 | <u> </u> | · | | 218-01-9 | 390 | 390 | ug/Kg | U | J |
| 43393 | BH40324AE BH40713AE | 8 | | | | 218-01-9 | 390 | | | | V |
| | BH40713AE | 11 | 16 15 | | CHRYSENE CHRYSENE | 218-01-9 218-01-9 | 330 330 | | ug/Kg ug/Kg | | V |
| *************************************** | BH40742AE | 8 | | <u></u> | CHRYSENE | 218-01-9 | 330 | | | | V |
| | BH40807AE | 6 | ····· | | | 218-01-9 | 330 | | | | ٧ |
| 46993 | BH40770AE BH00065AE | 7 | 13 | | CHRYSENE | 218-01-9 | 330 | ···· | ug/Kg | | V |
| 05093 05193 | BH00068AE | 10 6 | 10 | | | 10061-01-5 10061-01-5 | 6 | | ug/Kg ug/Kg | | V V |
| 05193 | BH00070AE | 10 | 10 | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | ug/Kg | | v |
| 05193 | BH00085AE | 14 | 14 | FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | | V |
| 05393 | BH00078AE | 6 | ~~~~ | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | | V |
| 05393 40093 | BH00080AE BH40171AE | 8 10 | 9 10 | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 10061-01-5 | 30 | | | | V V |
| 40293 | BH40120AE | 6 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | ····· | <u>v</u> |
| 40293 | BH40120AE | 6 | | | | 10061-01-5 | 6 | | | | V |
| | BH40125AE | 6 | | | | 10061-01-5 | 6, | | | | V |
| 40393 | BH40125AE BH40161AE | 10 | | | | 10061-01-5 | 6 | | | | V |
| | BH40029AE | 7 | 10, 7 | | | 10061-01-5 10061-01-5 | 6) | | | | V V |
| 40993 | BH40205AE | 9 | 10 | | | 10061-01-5 | 6 | | ug/Kg | | v |
| | BH40208AE | 31 | 31 | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | ug/Kg | | V |
| 41193 | BH40051AE BH40053AE | 6 10 | 10 | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | Jg/Kg ∫ | | V |
| 41293 | BH40198AE | 6 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 10061-01-5 | 7 | | .g/Kg .g/Kg | | V V |
| | BH40216AE | 7 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | ıg/Kg | | V |
| 41693 | BH40219AE | 6 | | | | 10061-01-5 | 7: | 7 t | ıg/Kg | U { | V |
| 41693 | BH40221AE | 10 | 10 | | | 10061-01-5 | 6 | | ıg/Kg | | V |
| | BH40223AE BH40066AE | 17 10 | 17 10 | | ~~~~~ | 10061-01-5 10061-01-5 | 6 | | ıg/Kg ıg/Kg | | v v |
| | BH40104AE | 6 | | - | | 10061-01-5 | 6 | | ug/Kg | | v V |
| 42193 | BH40437AE | 6 | 6 | FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | 5 t | ıg/Kg | U j | V |
| | BH40090AE | 10 | 10 | | | 10061-01-5 | 6 | | ıg/Kg | | V |
| | BH40255AE BH40257AE | 7 11 | 11 | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5) 6) | | ıg/Kg | | |
| | BH40263AE | 6 | | | | 10061-01-5 | 5 | | ıg/Kg ıg/Kg | | |
| 42393 | BH40265AE | 10 | 10 | FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | ıg/Kg | | |
| | BH40289AE | 10 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | 6 L | ıg/Kg | U ! | |
| 4 | BH40294AE BH40142AE | 10 9 | 10 | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | ıg/Kg i | | <u>/</u> |
| | BH40147AE | 14 | 10 14 | | | 10061-01-5 | 7 6 | | ıg/Kg ıg/Kg | | V |
| 43193 | BH40308AE | 6 | | | | 10061-01-5 | 5 | | ig/Kg | | |
| | BH40331AE | 9 | | | | 10061-01-5 | 6 | · 6 L | ıg/Kg | U [| V |
| | BH40323AE | 10 | | | | 10061-01-5 | 6 | | ıg/Kg | | |
| | BH40342AE BH40344AE | 6 9 | 10 | | | 10061-01-5 | 5 5 | | ig/Kg ig/Kg | | |
| i | BH40347AE | 13 | 13 | | | 10061-01-5 | 6 | | ig/Kg | | |
| 43793 | BH40336AE | 9 | 9 | FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | ıg/Kg | U | V |
| | BH40339AE | 14 | 14! | | | 10061-01-5 | 6 | | ıg/Kg | | |
| | BH40072AE BH40076AE | 6 9 | 6/1 | | ~~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | 10061-01-5 | 6 | | ig/Kg ig/Kg | | |
| | BH40074AE | 12 | 13!1 | | ······································ | 10061-01-5 | 5 | | ig/Kg | | |
| | BH40077AE | 15 | 15 1 | | | 10061-01-5 | 31 | | ig/Kg | | |
| | | | | | | | | - 1 | <u> </u> | <u>`</u> | |

| | , | e A.10 So | lar Evap | oration | Ponds AOC - Analytical Results for S | ubsurface Soil | s Greater Thar | 6 Feet - Organics | | , |
|---|--|--------------|----------|-------------|--|-----------------------|----------------|--------------------------|--------------|---|
| LOCATION | ************************************** | DEPTH | DEPTH | UNIT | | | DETECTION | Kara Para | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | | CODE | Ånalyte | CAS NO | LIMIT | RESULT UNITS | | QUALIFIER |
| | BH40360AE | 16 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 7 | | Ü | V |
| | BH40350AE BH40352AE | 14 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V V |
| | BH40037AE | 10 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | iv |
| | BH40004AE | 10 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | <u> </u> | V |
| | BH40006AE | 14 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V |
| | BH40189AE BH40192AE | ! 6, ! 7: | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | <u> </u> | V |
| | BH40195AE | 12 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | BH40194AE | 16, | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | ٧ |
| | BH40373AE BH40381AE | 9 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | · | | V |
| | BH40387AE | 8 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | BH40704AE | 6 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | 6 ug/Kg | <u> </u> | ٧ |
| | BH40712AE | 10 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V |
| | BH40719AE BH40727AE | 14 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V |
| | BH40733AE | 6 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V |
| | BH40741AE | 8 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V |
| | BH40747AE | 6 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | I | V |
| | BH40750AE BH40755AE | 10 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V V |
| | BH40769AE | 7 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | <u> </u> | V |
| | SEP1789BR0810 | 9 | 11 | FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | 6 ug/Kg | U | V |
| | SEP1789BR1214 | 13 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| *************************************** | SEP1789BR1618 SEP1989BR0810 | 17 8 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | | V V |
| | SEP1989BR1214 | 12 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | SEP1989BR1618 | 16 | | FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | SEP1989BR2021 SEP1989BR2223 | 20 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | SEP2289BR0810 | 8 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | £ | V |
| P209489 | SEP2289BR1618 | 16 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | [6 | | | V |
| | SEP2289BR2022 | 20 | 22 | ···· | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | SEP2689BR0810 SEP2689BR1214 | 12 | | | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 6 | | | V V |
| | SEP3089BR0810 | 9 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 690 | | | V |
| L | SEP3089BR1214 | 13 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 610 | | | V |
| - | SEP3089BR1618 | 17 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 690 | | | V |
| <u> </u> | SEP3089BR2022 SEP3089BR2426 | 21 25 | 23 | ···· | CIS-1,3-DICHLOROPROPENE CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 690 740 | 690 ug/Kg 740 ug/Kg | | V V |
| | SEP3189BR0810 | 8 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | v |
| | SEP3189BR1214 | 12 | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | | V |
| | SEP3189BR1618 BH40086AE | 16 10 | 18 16 | | CIS-1,3-DICHLOROPROPENE DELTA-BHC | 10061-01-5 | 9.8 | | | v v |
| | BH40091AE | 16 | 22 | | DELTA-BHC | 319-86-8 | 9.9 | | | <u>v</u> |
| | BH40430AE | 22 | 28 | | DELTA-BHC | 319-86-8 | 9.6 | | U | V |
| | BH40433AE | 28 6 | 31 | | DELTA-BHC | 319-86-8 | 9.6 | 100 | | V |
| | BH40256AE BH40258AE | 11 | | | DELTA-BHC DELTA-BHC | 319-86-8 319-86-8 | 9.7 | | | <u>v</u> v |
| | BH40450AE | 8 | | | DELTA-BHC | 319-86-8 | 9.2 | | | v v |
| | BH40290AE | 10 | | | DELTA-BHC | 319-86-8 | 9.3 | | | J |
| | BH40324AE BH40713AE | 8 11 | | | DELTA-BHC DELTA-BHC | 319-86-8 319-86-8 | 9.4 | | | <u>v </u> |
| | BH40728AE | 9, | | | DELTA-BHC | 319-86-8 | 8 | | | <u>v</u> |
| 46793 | BH40742AE | 8 | 15 | FT | DELTA-BHC | 319-86-8 | 8 | 9.6 ug/Kg | U | V |
| | BH40807AE | 6 | | | DELTA-BHC | 319-86-8 | 8 | | | V |
| | BH40770AE BH40086AE | 7 10 | | | DELTA-BHC DIBENZ(A,H)ANTHRACENE | 319-86-8 53-70-3 | i 8 410 | | | <u>v</u> |
| | BH40091AE | 16 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 410 | | | <u>v</u> |
| | BH40430AE | 22 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 400 | 400 ug/Kg | U | V |
| | BH40433AE BH40256AE | 28 6 | . 31 | | DIBENZ(A,H)ANTHRACENE DIBENZ(A,H)ANTHRACENE | 53-70-3 53-70-3 | 400 | 400 ug/Kg 400 ug/Kg | | <u>v</u> |
| | BH40258AE | 11 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 400 | 400 ug/Kg 400 ug/Kg | | <u>J</u> |
| 42593 - | BH40450AE | 8 | 10 | FT | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 380 | 380 ug/Kg | U | v |
| | BH40290AE | 10 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 390 | 390 ug/Kg | | J |
| | BH40324AE BH40713AE | 8) 11) | | | DIBENZ(A,H)ANTHRACENE DIBENZ(A,H)ANTHRACENE | 53-70-3 53-70-3 | 990 330 | 390 ug/Kg 390 ug/Kg | | <u>v</u> |
| | BH40728AE | 9, | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | 390 ug/Kg | | v V |
| | BH40742AE | 8 | 15 | FT | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | 390 ug/Kg | U | V |
| | BH40807AE BH40770AE | 6 | | | DIBENZ(A,H)ANTHRACENE | 53-70-3 | 330 | 350 ug/Kg | | V |
| | BH40086AE | 7 10 | 16 | | DIBENZ(A,H)ANTHRACENE DIBENZOFURAN | 53-70-3 132-64-9 | 330 410 | 390 ug/Kg . 410 ug/Kg | | V . V |
| 42193 | BH40091AE | 16 | 22 | FT ; | DIBENZOFURAN | 132-64-9 | 410 | | | v |
| 42193 | BH40430AE | 22 | 28 | FT | DIBENZOFURAN | 132-64-9 | 400 | | | V |

| <u></u> | iabi | e A.10 So | lar Evap | oration | Ponds AOC - Analytical Results for Su | bsurface Soil | s Greater Than | 6 Feet - C | Organic | | |
|---------------------------------------|--------------------------|-----------|----------|--------------|---|----------------------|----------------|-------------|----------------|--------------|---------------|
| LOCATION | | DEPTH | DEPTH | UNIT | | | DETECTION | ya. | | RESULT | VALIDATION |
| | SAMPLE NUMBER | | END | CODE | Analyte | CAS NO | LIMIT 8 | RESULT | UNITS | | QUALIFIER |
| | BH40433AE | 28 | 31 | FT | DIBENZOFURAN | 132-64-9 | 400 | 400 | ug/Kg | U | V |
| | BH40256AE | 6 | | | | 132-64-9 | 400 | | | | J |
| | BH40258AE BH40450AE | 11 | | | DIBENZOFURAN DIBENZOFURAN | 132-64-9 | 400 | | | ĮU | IV. |
| | BH40290AE | 10 | · | | DIBENZOFURAN | 132-64-9 132-64-9 | 380 | | ug/Kg ug/Kg | | l) |
| ···· | BH40324AE | 1 8 | | | DIBENZOFURAN | 132-64-9 | 390 | | | | V |
| | BH40713AE | 11 | | | DIBENZOFURAN | 132-64-9 | 330 | | ug/Kg | | V |
| | BH40728AE | 9 | | | DIBENZOFURAN | 132-64-9 | 330 | | ug/Kg | | V |
| | BH40742AE | . 8 | 15 | FT | DIBENZOFURAN | 132-64-9 | 330 | 390 | ug/Kg | įυ | IV |
| | BH40807AE | 6 | | | DIBENZOFURAN | 132-64-9 | 330 | | ug/Kg | | V |
| | BH40770AE | 7 | | | DIBENZOFURAN | 132-64-9 | 330 | | | U | V |
| | BH00065AE BH00068AE | 10 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | IV |
| · · · · · · · · · · · · · · · · · · · | BH00070AE | 10 | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6. | | | | IV IV |
| | BH00085AE | 14 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | IV |
| | BH00078AE | 6 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | v |
| ·· | BH00080AE | 8 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | Ū | V |
| | BH40171AE | 10 | 10 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 30 | | | U | V |
| | BH40120AE | 6 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40120AE | 6 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | ĮV |
| | BH40125AE | 6 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40125AE BH40161AE | 10 | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6) 6 | | | | V |
| | BH40029AE | 7 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | ug/Kg ug/Kg | | V V |
| | BH40205AE | 9 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40208AE | 31 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | | V |
| 11193 · | BH40051AE | 6 | 6 | | ····· | 124-48-1 | 5 | | | | v |
| | BH40053AE ; | 10 | 10 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 7: | 7 | ug/Kg | U | V |
| | BH40198AE | 6 | | ····· | DIBROMOCHLOROMETHANE | 124-48-1 | 6) | | ug/Kg | | V |
| | BH40216AE | 7 | : | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | | V |
| | BH40219AE BH40221AE | 6 10 | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 7 | ~~~~ | ug/Kg | | V |
| | BH40223AE | 17 | 17: | i | | 124-48-1 | 6 6 | | | U | V V |
| | BH40066AE | 10 | 10 | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | | V |
| | BH40104AE | 6 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | <u> </u> | v |
| 2193 | BH40437AE | 6 | 6 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | ug/Kg | | V |
| | BH40090AE | 10 | 10 | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | 6 | ug/Kg | U | V |
| | BH40255AE | 7 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | | | J |
| | BH40257AE | 11 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | | J |
| | BH40263AE BH40265AE | 6 10 | | | | 124-48-1 | 5 | | | | V |
| | BH40289AE | 10 | 10 10 | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 6 | | ug/Kg ug/Kg | | V . V |
| | BH40294AE | 10 | 10 | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | iV |
| | BH40142AE | 9 | 10 | | DIBROMOCHLOROMETHANE | 124-48-1 | 7 | | | | V |
| 2993 | BH40147AE | 14; | 14 | | | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40308AE | 6 | 6 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | . 5 | 5 | ug/Kg | U | V |
| | BH40331AE | 9 | | | | 124-48-1 | 6 | 6 | ug/Kg | | V |
| | BH40323AE | 10 | 10, | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | | V |
| | BH40342AE BH40344AE | 6. | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | ug/Kg | | V |
| | BH40347AE | 13 | 10 | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 5 | | ug/Kg ug/Kg | | V |
| | BH40336AE | 9 | | | | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40339AE | 14 | 14 | | ······································ | 124-48-1 | 6 | | ug/Kg | | V |
| 3893 | BH40072AE | 6 | | | | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40076AE | 9 | 9 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40074AE | 12 | 13 | | | 124-48-1 | 5 | | ug/Kg | | V |
| | BH40077AE | 15, | 15 | | | 124-48-1 | 31 | | ug/Kg | | V |
| | BH40360AE | 16 | 17 | | | 124-48-1 | 7 ₁ | | ug/Kg | | V |
| | BH40350AE BH40352AE | 6 14 | 15: | | | 124-48-1 124-48-1 | 6 | | ug/Kg | | <u>V</u> |
| | BH40037AE | 10 | 10 | | | 124-48-1 | 6, | | ug/Kg ug/Kg | | <u>v</u> v |
| | BH40004AE | 10. | 10 | | | 124-48-1 | 5 | | ug/Kg | | V |
| | BH40006AE | 14 | 14 | | | 124-48-1 | 5 | | ug/Kg | | V |
| | BH40189AE | 6: | | - | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40192AE | 7 | | | | 124-48-1 | 6 | 6 | ug/Kg | U | V |
| | BH40195AE | 12 | 12 | | | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40194AE | 16 | 16 | | | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40373AE | 9 | | | | 124-48-1 | 6 | | ug/Kg | | V |
| | BH40381AE BH40387AE | 9 | 10 | | | 124-48-1 124-48-1 | 5 | | ug/Kg | | V |
| | BH40704AE | 6 | | | | 124-48-1 | 5 | | ug/Kg ug/Kg | | V |
| | BH40712AE | 10 | 10 | | | 124-48-1 | 5 | | ug/Kg | | <u>v</u> |
| | BH40719AE | 6 | | | | 124-48-1 | 5 | | ug/Kg | | J |
| 6693. | BH40727AE | 14 | 15 | | | 124-48-1 | 5 | | ug/Kg | | v |
| 6793 | BH40733AE | 6] | 6 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | ug/Kg | | V |

| 1 . 3 7 | Table | e A.10 Sc | olar Evapora | tion (| Ponds AOC - Analytical Results for Su | 54.5 Su | s Greater Thar | 6 Feet - Organics | LAB! | Tarr % |
|--------------------|----------------------------------|------------|---|--------------|---|----------------------|----------------|----------------------------|--|------------|
| LOCATION | | DEPTH | 1.5 Te A. A. A. A. A. A. A. A. A. A. A. A. A. | JNIT | Anabés | 2014 ME | DETECTION | | RESULT | VALIDATION |
| CODE 46793 | SAMPLE NUMBER | SIARI 8 | brillion consistent assessed a conten | ODE | Analyte DIBROMOCHLOROMETHANE | CAS NO 124-48-1 | LIMIT 5 | RESULT UNITS | have many more than the property and and | QUALIFIER |
| 46893 | BH40747AE | 6 | 6 FT | r i | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | 6 ug/Kg | U | ΙV |
| · | BH40750AE BH40755AE | 10 12 | | | | 124-48-1 | 5 | | | IV IV |
| <u> </u> | BH40769AE | 7 | <u> </u> | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | | · V |
| | SEP1789BR0810 | 9 | 11 FT | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | 6 ug/Kg | U | V |
| | SEP1789BR1214 | 13 | | | | 124-48-1 | 6 | | | (V |
| | SEP1789BR1818 | 17 | | | | 124-48-1 | 6 5 | | | V |
| P209189 | SEP1989BR1214 | 12 | 14 FT | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | 6 ug/Kg | U | V |
| P209189 P209189 | SEP1989BR1618 SEP1989BR2021 | 16 20 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | V |
| P209189 | SEP1989BR2223 | 20 | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | V |
| P209489 | SEP2289BR0810 | 8 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | V |
| P209489 | SEP2289BR1618 | 16 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | IV |
| P209489 P209889 | SEP2289BR2022 SEP2689BR0810 | 20 8 | | | | 124-48-1 124-48-1 | 6 | | | IV IV |
| P209889 | SEP2689BR1214 | 12 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | v |
| P210189 | SEP3089BR0810 | 9 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 690 | | | V |
| P210189 P210189 | SEP3089BR1214 SEP3089BR1618 | 13 17 | | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 610 690 | | | V |
| | SEP3089BR2022 | 21 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 690 | | | V V |
| | SEP3089BR2426 | 25 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 740 | | Ü | V |
| | SEP3189BR0810 | 8 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | V |
| P210289 P210289 | SEP3189BR1214 SEP3189BR1618 | 12 16 | <u> </u> | | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 | | | V V |
| | BH40086AE | 10 | | | DIELDRIN | 60-57-1 | 20 | | | v |
| | BH40091AE | 16 | | | | 60-57-1 | 20 | | | V |
| | BH40430AE BH40433AE | 22 28 | | ···· | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 19 19 | | | V |
| | BH40256AE | 6 | | | DIELDRIN | 60-57-1 | 19 | | | V |
| | BH40258AE | 11 | | | DIELDRIN | 60-57-1 | 19 | 19 ug/Kg | | V |
| | BH40450AE | 8 | | | | 60-57-1 | 18 | | ~~ | V |
| | BH40290AE BH40324AE | 10 8 | | | | 60-57-1 60-57-1 | 19) 19 | | | V |
| | BH40713AE | 11 | | | | 60-57-1 | 16 | | | V |
| | BH40728AE | 9 | | - | | 60-57-1 | 16 | | | V |
| 46793 46893 | BH40742AE BH40807AE | 8 6 | | | DIELDRIN DIELDRIN | 60-57-1 60-57-1 | 16 16 | | | V |
| | BH40770AE | 7 | | | | 60-57-1 | 16 | | | V |
| | BH40086AE | 10 | | | | 84-66-2 | 410 | 410 ug/Kg | Ú | V |
| | BH40091AE BH40430AE | 16 22 | | | | 84-66-2 84-66-2 | 410 | 410 ug/Kg | | V |
| | BH40433AE | 28 | | | | 84-66-2 | 400 | 400 ug/Kg i 400 ug/Kg | | V |
| 42293 | BH40256AE | 6 | 11 FT | | DIETHYL PHTHALATE | 84-66-2 | 400 | | | j |
| | BH40258AE | 11 | | | | 84-66-2 | 400 | | | V . |
| | BH40450AE BH40290AE | 8 10 | | | | 84-66-2 84-66-2 | 380) 390) | | | V |
| | BH40324AE | 8 | | | | 84-66-2 | 390 | | | J |
| | BH40713AE | 11 | <u></u> | | | 84-66-2 | 330 | 390 ug/Kg | | ٧ |
| | BH40728AE BH40742AE | 8 | | | DIETHYL PHTHALATE DIETHYL PHTHALATE | 84-66-2 84-66-2 | 330 330 | 390 ug/Kg 390 ug/Kg | | V |
| | BH40807AE | 6 | | | | 84-66-2 | 330 | 350 ug/Kg | | V |
| | BH40770AE | 7 | | | | 84-66-2 | 330 | 390 ug/Kg | U i | V |
| | BH40086AE BH40091AE | 10 16 | | | ** * | 131-11-3 | 410 | 410 ug/Kg | | V |
| | BH40430AE | 22 | | | ··· | 131-11-3 131-11-3 | 410 | 410 ug/Kg 400 ug/Kg | | V |
| 42193 | BH40433AE | 28 | | | DIMETHLY PHTHALATE | 131-11-3 | 400 | | | v v |
| | BH40256AE | 6 | | | DIMETHLY PHTHALATE | 131-11-3 | 400 | 400 ug/Kg | | J |
| | BH40258AE BH40450AE | 11 8 | | | | 131-11-3 131-11-3 | 400 380 | 400 ug/Kg | | <u>v</u> |
| | BH40290AE | 10 | | | | 131-11-3 | 390 | 390 ug/Kg | | j |
| | BH40324AE | 8 | | | DIMETHLY PHTHALATE | 131-11-3 | 390 | 390 ug/Kg | J i | V |
| | BH40713AE BH40728AE | 11 9 | | <u>-</u> | | 131-11-3 131-11-3 | 330 330 | 390 ug/Kg | | V |
| | BH40742AE | 8 | | | | 131-11-3 | 330 | 390 ug/Kg 390 ug/Kg | | V |
| 46893 | BH40807AE | 6 | 12 FT | | DIMETHLY PHTHALATE | 131-11-3 | 330 | 350 ug/Kg | J | V |
| | BH40770AE BH40086AE | 7 | | | | 131-11-3 | 330 | 390 ug/Kg 1 | | v . |
| | BH40091AE | 10 16 | | | | 84-74-2 84-74-2 | 410 | 410 ug/Kg 1 | | <u>v</u> |
| 42193 | BH40430AE | 22 | | | | 84-74-2 | 400 | 400 ug/Kg | | v |
| | BH40433AE | 28 | | | | 84-74-2 | 400 | 400 ug/Kg | | V . |
| | BH40256AE ! BH40258AE | 6 11 | | | | 84-74-2 84-74-2 | 400 | 400 ug/Kg [l | | J V |
| | BH40450AE | 8, | | | | 84-74-2 | 380 | 380 ug/Kg 1 | | · |
| | | | | | | | | | | |

| | Table | A 10 SA | lar Evanoration F | onds AOC - Analytical Results for Su | bsurface Soil | s Greater Than | 6 Feet - Organics | | |
|----------------|------------------------|----------|-------------------|--|---------------------------|----------------|---|--|------------|
| | 1 abie | | | Olius Aco Alia Jacan Casan | | | | LAB | VALIDATION |
| LOCATION | SAMPLE NUMBER | DEPTH | | Analyte | CAS NO | DETECTION | RESULT UNITS | RESULT QUALIFIER | |
| 42593 | BH40290AE | 10 | | DI-N-BUTYL PHTHALATE | 84-74-2 | 390 | 390 ug/Kg | A SOURCE OF THE PROPERTY OF TH | J |
| 43393 | BH40324AE | 8 | | DI-N-BUTYL PHTHALATE | 84-74-2 | 390 | 52 ug/Kg | | A |
| 46593 | BH40713AE | 11 | | DI-N-BUTYL PHTHALATE DI-N-BUTYL PHTHALATE | 84-74-2 84-74-2 | 330 | 390 ug/Kg 390 ug/Kg | | V V |
| 46693 46793 | BH40728AE BH40742AE | 9 8 | | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | 390 ug/Kg | | v i |
| 46893 | BH40807AE | 6 | | DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | 350 ug/Kg | U | V |
| 46993 | BH40770AE | 7 | | DI-N-BUTYL PHTHALATE | 184-74-2 | 330 | 390:ug/Kg | | V |
| 42193 | BH40086AE | 10 16 | | DI-N-OCTYLPHTHALATE DI-N-OCTYLPHTHALATE | 117-84-0 | 410 410 | 410 ug/Kg 410 ug/Kg | | V |
| 42193 | BH40091AE BH40430AE | 22 | | DI-N-OCTYLPHTHALATE | 117-84-0 | 400 | 400 ug/Kg | | v i |
| 42193 | BH40433AE | 28 | | DI-N-OCTYLPHTHALATE | 117-84-0 | 400 | 400 ug/Kg | | J |
| 42293 | BH40256AE | 6 | | DI-N-OCTYLPHTHALATE | 117-84-0 | 400 | 400 ug/Kg | | J |
| 42293 | BH40258AE | 11 8 | <u></u> | DI-N-OCTYLPHTHALATE DI-N-OCTYLPHTHALATE | 117-84-0 | 400 380 | 400 ug/Kg 380 ug/Kg | | V |
| 42593 42593 | BH40450AE BH40290AE | 10 | | DI-N-OCTYLPHTHALATE | (117-84-0 | 390 | | | J |
| 43393 | BH40324AE | 8 | | DI-N-OCTYLPHTHALATE | 117-84-0 | 390 | | | V |
| 46593 | BH40713AE | 11 | | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | | | V V |
| 46693 | BH40728AE | 9 | | DI-N-OCTYLPHTHALATE DI-N-OCTYLPHTHALATE | 117-84-0 117-84-0 | 330 | | U U | V |
| 46793 46893 | BH40742AE BH40807AE | ! 8 6 | <u></u> | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | 350 ug/Kg | | v |
| 46993 • | BH40770AE | 7 | 13 FT | DI-N-OCTYLPHTHALATE | 117-84-0 | 330 | 390 ug/Kg | U | V |
| 42193 | BH40086AE | 10 | <u> </u> | ENDOSULFAN I | 959-98-8 959-98-8 | 9.8 | | | V |
| 42193 | BH40091AE BH40430AE | 16 22 | | ENDOSULFAN I ENDOSULFAN I | 959-98-8 | 9.9 | | | V |
| 42193 42193 | BH40433AE | 28 | <u></u> | ENDOSULFAN I | 959-98-8 | 9.6 | 9.6 ug/Kg | U | V |
| 42293 | BH40256AE | 6 | 11 FT | ENDOSULFAN I | 959-98-8 | 9.7 | | <u></u> | V |
| 42293 | BH40258AE | 11 | | ENDOSULFAN I | 959-98-8 1959-98-8 | 9.7 | | | V |
| 42593 42593 | BH40450AE BH40290AE | i 8 | | ENDOSULFAN I ENDOSULFAN I | 959-98-8 | 9.3 | | L | J |
| 42393 | BH40324AE | 8 | 1 | ENDOSULFAN I | 959-98-8 | 9.4 | | | V |
| 46593 | BH40713AE | 11 | | ENDOSULFAN I | 959-98-8 | 8 | | | V |
| 46693 | BH40728AE | 9 | | ENDOSULFAN I | 959-98-8 1959-98-8 | 8 | *************************************** | U | V |
| 46793 46893 | BH40742AE BH40807AE | 8 | | ENDOSULFAN I | 959-98-8 | . 8 | | U | v |
| 46993 | BH40770AE | 7 | · | ENDOSULFAN I | 959-98-8 | 8 | | | v |
| 42193 | BH40086AE | 10 | | ENDOSULFAN II | 33213-65-9 | 20 | | | V |
| 42193 | BH40091AE | 16 | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 20 | | U | V |
| 42193 42193 | BH40430AE BH40433AE | 22 28 | <u></u> | ENDOSULFAN II | 33213-65-9 | 19 | | 1 | v |
| 42293 | BH40256AE | 6 | | ENDOSULFAN II | 33213-65-9 | 19 | 19 ug/Kg | U | V |
| 42293 | BH40258AE | 11 | | ENDOSULFAN II | 33213-65-9 | 19 | | |)V |
| 42593 42593 | BH40450AE BH40290AE | 10 | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 18 | | U | 7 |
| 43393 | BH40324AE | 8 | <u> </u> | ENDOSULFAN II | 133213-65-9 | 19 | | U | V |
| 46593 | BH40713AE | 11 | 16 FT | ENDOSULFAN II | 33213-65-9 | 16 | | U | V |
| 46693 | BH40728AE | 9 | 1 | ENDOSULFAN II | 33213-65-9 | 16 | | | V |
| 46793 46893 | BH40742AE BH40807AE | 8 | | ENDOSULFAN II ENDOSULFAN II | 33213-65-9 33213-65-9 | 16 | | | V |
| 46993 | BH40770AE | 7 | | ENDOSULFAN II | 33213-65-9 | 16 | | Ū | V |
| 42193 | BH40086AE | 10 | `16 FT | ENDOSULFAN SULFATE | 1031-07-8 | 20 | | | V |
| 42193 | BH40091AE | 16 | | ENDOSULFAN SULFATE | 1031-07-8 | 19 | | | iV V |
| 42193 42193 | 8H40430AE BH40433AE | 22 | | ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 | 19 | | | V |
| 42193 | BH40256AE | 6 | | ENDOSULFAN SULFATE | 1031-07-8 | 19 | 19 ug/Kg | U | V |
| 42293 | BH40258AE | 11 | 13 FT | ENDOSULFAN SULFATE | 1031-07-8 | 19 | | | V |
| 42593 | BH40450AE | 8 | 1 | ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 | 18 | | |) V |
| 42593 43393 | BH40290AE BH40324AE | 10 | | ENDOSULFAN SULFATE | 1031-07-8 | 19 | | | V |
| 46593 | BH40713AE | 11 | | ENDOSULFAN SULFATE | 1031-07-8 | 16 | 19 ug/Kg | U | V |
| 46693 | BH40728AE | 9 | 15 FT | ENDOSULFAN SULFATE | 1031-07-8 | 16 | | 1 - | IV . |
| 46793 | BH40742AE | 8 | | ENDOSULFAN SULFATE ENDOSULFAN SULFATE | 1031-07-8 | 16 16 | | IU | IV V |
| 46893 46993 | BH40807AE BH40770AE | 7 | | ENDOSULFAN SULFATE | 1031-07-8 | 16 | | | V |
| 42193 | BH40086AE | 10 | | ENDRIN | 72-20-8 | 20 | 20 ug/Kg | U | V |
| 42193 | BH40091AE | 16 | | ENDRIN | 72-20-8 | 20 | 20 ug/Kg | | V |
| 42193 | BH40430AE | 22 | | ENDRIN ENDRIN | 72-20-8 72-20-8 | 19 19 | | | V |
| 42193 42293 | BH40433AE BH40256AE | 1 6 | | ENDRIN | 172-20-8 | 19 | | | V |
| 42293 | BH40258AE | 11 | 13 FT | ENDRIN | 72-20-8 | 19 | | | V |
| 42593 | BH40450AE | 8 | | ENDRIN | 72-20-8 | 18 | | | 1 ∧ |
| 42593 43393 | BH40290AE BH40324AE | 10 | | ENDRIN ENDRIN | 72-20-8 72-20-8 | 19 | | | [V |
| 46593 | BH40713AE | 11 | | ENDRIN | 72-20-8 | 16 | 19 ug/Kg | U | V |
| 46693 | BH40728AE | j 8 | 15 FT | ENDRIN | 72-20-8 | 16 | | | V |
| 46793 | BH40742AE | T 8 | 15 FT | ENDRIN | 72-20-8 | 16 | 19 ug/Kg | U | ĮV . |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB DEPTH DEPTH UNIT DETECTION RESULT VALIDATION COCATION SAMPLE NUMBER START, END CODE Analyte CASINO LIMIT RESULT UNITS QUALIFIER QUALIFIER CODE BH40807AE 12 FT ENDRIN 72-20-8 17 ug/Kg U 46893 13 FT BH40770AE ENDRIN 172-20-8 16 19 ug/Kg U 46993 ENDRIN KETONE 20 ug/Kg U 42193 BH40086AE 10 16 FT 53494-70-5 20 ENDRIN KETONE 53494-70-5 BH40091AE 20 20 ug/Kg U 42193 16 22 FT ENDRIN KETONE 53494-70-5 19 ug/Kg U IV 42193 BH40430AE 22 28 FT 19 ENDRIN KETONE 19 ug/Kg U 42193 RH40433AF 28 31 FT 53494-70-5 19 IV 42293 BH40256AE 6 11 FT ENDRIN KETONE 53494-70-5 19 19 ug/Kg U IV 42293 BH40258AE 11 13 FT ENDRIN KETONE 53494-70-5 19 19 ug/Kg |U IV 42593 BH40450AF 10 FT ENDRIN KETONE 53494-70-5 18 18 ug/Kg U BH40290AE 10 17 FT ENDRIN KETONE 53494-70-5 19 19 ug/Kg |U 42593 IJ BH40324AE ENDRIN KETONE 53494-70-5 43393 19 19 ug/Kg U ENDRIN KETONE 53494-70-5 46593 BH40713AE 11 16 F 16 19 ug/Kg U 46693 BH40728AE 15 FT ENDRIN KETONE 53494-70-5 16 19 ug/Kg U 9 8 ENDRIN KETONE 53494-70-5 46793 BH40742AE 15 FT 16 19 ug/Kg U IV ENDRIN KETONE 153494-70-5 46893 BH40807AE 6 12 FT 16 17 ug/Kg U IV ENDRIN KETONE 53494-70-5 46993 BH40770AF 7 13 FT 16 19 ug/Kg | U iV 05093 BH00065AE 10 10 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U īV 05193 BH00068AE 6 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U TV/ 6 6 ug/Kg |U 05193 BH00070AE 10 10 FT ETHYLBENZENE 100-41-4 6 V 05193 BH00085AE 14 14 FT ETHYLBENZENE 100-41-4 6 ug/Kg | U ī BH00078AE ETHYLBENZENE 100-41-4 6 ug/Kg |U 6 FT IV ETHYLBENZENE 100-41-4 05393 BH00080AE 9 FT 6 6 ug/Kg |U 10 FT 30 ug/Kg U BH40171AE 10 ETHYLBENZENE 100-41-4 30 40093 ETHYLBENZENE 100-41-4 40293 BH40120AE 6 FT 6 6 6 ug/Kg U 6 BH40120AE 6 FT ETHYLBENZENE 100-41-4 īV 40293 6 6 ug/Kg U ETHYLBENZENE 100-41-4 40393 RH40125AF 6 6 FT 61 6 ug/Kg |U 100-41-4 40393 BH40125AF 6 6 FT ETHYLBENZENE 6 6 ug/Kg |U īv 40793 BH40161AF 10 10 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U W 40893 BH40029AE 7 7 FT FTHYLBENZENE 100-41-4 5 6 ug/Kg U īV 40993 BH40205AE 10 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U 9 V 40993 BH40208AE 31 31 FT ETHYLBENZENE 100-41-4 6 ug/Kg U 41193 BH40051AF 6 6FT ETHYLBENZENE 100-41-4 5 5 ug/Kg U Íν 41193 BH40053AE 10 FT ETHYLBENZENE 100-41-4 10 7 ug/Kg | U ĪV 41293 BH40198AF 6FT ETHYLBENZENE 100-41-4 ĪV 6 6 6 ug/Kg {U 41593 BH40216AE 7 8 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg |U īV 41693 BH40219AF 6 FT ETHYLBENZENE 100-41-4 7 ug/Kg U 117 41693 BH40221AE 10 10 FT ETHYL BENZENE 100-41-4 6 6 ug/Kg U W 41693 BH402234F 17 17 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U 1 41993 BH40066AE 10 10 FT **ETHYLBENZENE** 100-41-4 6 ug/Kg |U 6 W 42093 BH40104AE 6 FT **ETHYLBENZENE** 100-41-4 6 ug/Kg U BH40437AE 6 ETHYLBENZENE 100-41-4 42193 6 FT 5 ug/Kg |U 42193 BH40090AE 10 10 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg |U ĪV 42293 BH40255AE 7 8 FT ETHYLBENZENE 100-41-4 5 ug/Kg U 5 IJ 42293 BH40257AE 11 FT ETHYLBENZENE 11 100-41-4 6 6 ug/Kg U 1.1 ETHYLBENZENE BH40263AE 6 FT 100-41-4 5 ug/Kg U V 42393 6 42398 42493 BH40265AE 10 10 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U īv BH40289AE 10 10 FT ETHYLRENZENE 100-41-4 6 6 ug/Kg | U īV 42593 BH40294AE 10 10 FT ETHYLBENZENE 100-41-4 6 ug/Kg |U IV 42993 BH40142AE 9 10 FT ETHYLBENZENE 100-41-4 7 ug/Kg U īv 14 FT 42993 BH40147AE ETHYLBENZENE 100-41-4 6 ug/Kg U BH40308AE ETHYLBENZENE 100-41-4 43193 6 6 FT 5 5 ug/Kg |U 6 ug/Kg U 43393 BH40331AE 9 9 FT ETHYLBENZENE 100-41-4 6 V 43493 BH40323AE 10 10 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg |U IV BH40342AE ETHYLBENZENE 100-41-4 5 ug/Kg |U 43693 6 6 FT IV ETHYLBENZENE BH40344AF 9 100-41-4 5 43693 10 FT 5 ug/Kg [U IV BH40347AF ETHYLBENZENE 100-41-4 43693 13 13 FT 6 6 ug/Kg U IV 43793 RH40336AF 9 9 FT FTHY! RENZENE 100-41-4 5 ug/Kg |U W 43793 BH40339AE 14 14 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U īV 43893 BH40072AE 6 6FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U V 43893 BH40076AE ETHYLBENZENE 100-41-4 6 ug/Kg |U BH40074AE ETHYLBENZENE 100-41-4 43893 12 13 FT 5 5 ug/Kg U 100-41-4 43893 BH40077AE 15 15 FT ETHYLBENZENE 31 IV 31 ug/Kg |U 43993 BH40360AE 16 17 FT ETHYLBENZENE 100-41-4 7 ug/Kg |U īV 44093 BH40350AE 6 FT ETHYLBENZENE 100-41-4 6 6 6 ug/Kg [U IV 44093 BH40352AF 15 FT ETHYLBENZENE 100-41-4 14 6 īV 6 ug/Kg | U 100-41-4 44393 BH40037AE 10 10 FT ETHYLBENZENE 6 6 ug/Kg U IV 44593 ETHYLRENZENE 100-41-4 BH40004AF 10 10 F 5 6 ug/Kg | U ĪV 44593 BH40006AE 14 14 FT ETHYLBENZENE 100-41-4 5 6 ug/Kg U īV 44893 BH40189AE 6 6 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U 44893 BH40192AE 7 7 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U V 44893 BH40195AE 12 ETHYLBENZENE 100-41-4 12 FT 6 ug/Kg U 44893 BH40194AE ETHYLBENZENE 100-41-4 16 16 FT 6 ug/Kg U 45693 BH40373AE ETHYLBENZENE 100-41-4 6 6 ug/Kg U V 10 FT BH40381AE 9 ETHYLBENZENE 100-41-4 5 5 ug/Kg | U IV 46193 BH40387AE 8 8FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U

557.

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB VALIDATION LOCATION DEPTH DEPTH UNIT DETECTION RESULT CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER CODE SAMPLE NUMBER START END CODE Analyte 46593 BH40704AE ETHYLBENZENE 100-41-4 6.ug/Kg U V BH40712AE ETHYLBENZENE 100-41-4 6 ug/Kg U V 46593 10 F 6 ug/Kg U BH40719AE ETHYLBENZENE 100-41-4 5 46693 6 6 F BH40727AE ETHYLBENZENE 100-41-4 įν 46693 14 15 F7 5 6 ug/Kg U BH40733AE 6 6 FT **ETHYLBENZENE** 100-41-4 5 6 ug/Kg . U īV 46793 BH40741AE ETHYLBENZENE 100-41-4 8 FT 6 ug/Kg U 46793 8 6 ug/Kg U 6 ETHYLBENZENE 5 V BH40747AE 6 FT 100-41-4 46893 ETHYLBENZENE 5 V BH40750AE 10 10 FT 100-41-4 46893 5|ug/Kg |U 46893 BH40755AE 12 12 FT ETHYLBENZENE 100-41-4 5 6 ug/Kg U ŧ۷ 46993 BH40769AE 7 7 FT ETHYLBENZENE 100-41-4 5 6 ug/Kg U īV P208989 SEP1789BR0810 9 11 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U IV 6 ug/Kg U 6 ug/Kg U P208989 SEP1789BR1214 13 15 FT **ETHYLBENZENE** 100-41-4 6 P208989 SEP1789BR1618 17 19 FT ETHYLBENZENE 100-41-4 īV 6 SEP1989BR0810 ETHYLBENZENE 100-41-4 5 5 ug/Kg U īV P209189 8 10|FT SEP1989BR1214 ETHYLBENZENE 100-41-4 P209189 12 14 FT 6 6 ug/Kg | U P209189 SEP1989BR1618 16 18 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg |U SEP1989BR2021 21 FT ETHYLBENZENE 100-41-4 P209189 20 6 īV 6 ug/Kg U P209189 SEP1989BR2223 23 FT ETHYLBENZENE 100-41-4 6 īV 22 6 ug/Kg U ETHYLBENZENE SEP2289BR0810 10 FT 100-41-4 P209489 8 6 6 ug/Kg U IV SEP2289BR1618 ETHYLBENZENE 100-41-4 P209489 16 18 FT ñ 6 ug/Kg U P209489 SEP2289BR2022 20 22|FT ETHYLBENZENE 100-41-4 6 6 ug/Kg | U IV P209889 SEP2689BR0810 8 10:FT ETHYLBENZENE 100-41-4 6 6 ug/Kg U īv P209889 SEP2689BR1214 12 13 FT ETHYLBENZENE 100-41-4 6 6 ug/Kg | U ĪV P210189 SEP3089BR0810 9 9 FT ETHYLBENZENE 100-41-4 690 690 ug/Kg U īV SEP3089BR1214 ETHYLBENZENE 100-41-4 V P210189 13 14 FT 610 610 ug/Kg | U SEP3089BR1618 ETHYLBENZENE 100-41-4 P210189 17 19 F 690 690 ug/Kg U P210189 SEP3089BR2022 21 23 FT ETHYLBENZENE 100-41-4 690 690 ug/Kg | U ĪV P210189 SEP3089BR2426 25 27 FT ETHYLBENZENE 100-41-4 740 740 ug/Kg U īv 10 FT ETHYLBENZENE 100-41-4 P210289 SEP3189BR0810 īv 8 6 ug/Kg U 6 ETHYLBENZENE P210289 SEP3189BR1214 12 14 FT 100-41-4 6 6 ug/Kg U ١V SEP3189BR1618 P210289 16 18 FT FTHYLBENZENE 100-41-4 6 6 ug/Kg U īV 42193 BH40086AE 10 16 FT FLUORANTHENE 206-44-0 410 410 ug/Kg | U IV 42193 BH40091AE 16 22 FT FLUORANTHENE 206-44-0 410 410 ug/Kg U 11/ 42193 BH40430AE 22 28 FT FLUORANTHENE 206-44-0 400 400 ug/Kg | U V 206-44-0 BH40433AE FLUORANTHENE 42193 28 31 FT 400 400 ug/Kg U FLUORANTHENE 206-44-0 400 ug/Kg U 42293 BH40256AE 6 400 J FLUORANTHENE BH40258AE 11 13 FT 206-44-0 400 42293 400 ug/Kg U 42593 BH40450AE 8 10 FT FLUORANTHENE 206-44-0 380 380 ug/Kg U īv BH40290AE 17 FT FLUORANTHENE 206-44-0 42593 10 390 390 ug/Kg | U J 206-44-0 FLUORANTHENE 43393 BH40324AE 8 13 FT 390 390 ug/Kg (U V FLUORANTHENE BH40713AF 206-44-0 46593 111 16 FT 330 390 ug/Kg | U īV FLUORANTHENE 46693 BH40728AF 9 15 FT 206-44-0 330 390 ug/Kg | U IV 46793 BH40742AF 8 15 FT FLUORANTHENE 206-44-0 330 390 ug/Kg | U V 46893 BH40807AE 12 FT FLUORANTHENE 206-44-0 330 350 ug/Kg | U 6 46993 BH40770AE 13 FT FLUORANTHENE 206-44-0 330 390 ug/Kg | U īV 410 ug/Kg | U 410 ug/Kg | U BH40086AE FLUORENE 42193 10 16 F 86-73-7 410 IV FLUORENE 86-73-7 42193 BH40091AE 16 22 FT 410 V 400 ug/Kg U 400 ug/Kg U 42193 BH40430AE 28 FT FLUORENE 86-73-7 22 400 IV BH40433AE FLUORENE 86-73-7 42193 28 31|FT 400 V BH40256AE FLUORENE 42293 6 11|FT 186-73-7 400 400 ug/Kg U П BH40258AF FLUORENE 42293 11 13 FT 86-73-7 400 400 ug/Kg U 11/ FLUORENE 42593 BH40450AF 8 10 FT 86-73-7 380 380 ug/Kg | U 42593 BH40290AF 10 17 FT FLUORENE 86-73-7 390 390 ug/Kg U IJ 43393 BH40324AE 8 13 FT FLUORENE 86-73-7 390, 390 ug/Kg | U IV 46593 BH40713AE 11 16 FT FLUORENE 86-73-7 330 390 ug/Kg |U BH40728AE FLUORENE 390 ug/Kg | U 15 FT 86-73-7 330 IV 46793 BH40742AE 15 F FLUORENE 86-73-7 330 390 ug/Kg | U ĪV 46893 BH40807AE 12 FT FLUORENE 86-73-7 330 īV 6 350 ug/Kg U 46993 BH40770AE 13 FT FLUORENE 86-73-7 330 390 ug/Kg U īV GAMMA-BHC [LINDANE] 42193 BH40086AE 10 16! FT 58-89-9 īV 9.8 9.8 ug/Kg | U GAMMA-BHC [LINDANE GAMMA-BHC [LINDANE BH40091AF 22 FT 58-89-9 42193 16 99 9.9 ug/Kg U V 42193 BH40430AF 22 28 FT 58-89-9 96 9.6 ug/Kg | U īV GAMMA-BHC LINDANE 9.6 ug/Kg U 9.7 ug/Kg U 42193 BH40433AF 28 31:FI 58-89-9 9.6 V 42293 BH40256AE 6 11 FT GAMMA-BHC [LINDANE 58-89-9 9.7 IV 42293 BH40258AE 11 13 FT GAMMA-BHC [LINDANE 58-89-9 9.7 9.7 ug/Kg | U V 42593 BH40450AE 8 10 F GAMMA-BHC [LINDANE 58-89-9 9.2 9.2 ug/Kg U GAMMA-BHC [LINDANE 58-89-9 9.3 ug/Kg | U 42593 BH40290AE 10 17.FT 9.3 IJ GAMMA-BHC [LINDANE 43393 BH40324AE 8 13 F 58-89-9 9.4 9.4 ug/Kg | U GAMMA-BHC [LINDANE 46593 BH40713AE 11 16 FT 58-89-9 9.5 ug/Kg | U IV 8 GAMMA-BHC [LINDANE GAMMA-BHC [LINDANE BH40728AE 15 FT 58-89-9 46693 9 8 9.5 ug/Kg | U !V 46793 BH40742AE 8 15 FT 58-89-9 8 9.6 ug/Kg | U īV GAMMA-BHC (LINDANE BH40807AE 6 58-89-9 8.5 ug/Kg U 9.5 ug/Kg U 46893 12 FT 8 IV GAMMA-BHC [LINDANE] BH40770AE 58-89-9 46993 7 13 FT 8 V 42193 HEPTACHLOR BH40086AF 10 16 FT 76-44-8 9.8 9.8 ug/Kg | U V HEPTACHLOR 42193 BH40091AE 16 22 FT 76-44-8 9.9 ug/Kg | U 9.9

Table A 10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB LOCATION DEPTH DEPTH DETECTION RESULT VALIDATION CODE END CODE CAS NO RESULT UNITS QUALIFIER QUALIFIER SAMPLE NUMBER START LIMIT HEPTACHLOR 76-44-8 9.6 ug/Kg | U 42193 BH40430AE 28 FT 76-44-8 HEPTACHLOR 9.6 9.6 ug/Kg | U BH40433AE 28 31 FT 42193 11:FT HEPTACHLOR 76-44-8 9.7 9.7 ug/Kg U BH40256AE 42298 6 HEPTACHLOR 76-44-8 9.7 9.7 ug/Kg U 11 13 FT 42293 BH40258AF V 76-44-8 9.2 42593 BH40450AF 8 10 FT HEPTACHLOR 9.2 ug/Kg | U 76-44-8 42593 BH40290AF 10 17 FT HEPTACHLOR 93 9.3 ug/Kg (U L ī 176-44-8 43393 BH40324AE 8 13 FT HEPTACHLOR 94 9.4 ug/Kg ¡U 46593 BH40713AF 11 16 FT HEPTACHI OR 76-44-8 8 9.5 ug/Kg | U V BH40728AE 15 FT HEPTACHLOR 76-44-8 8 9.5 ug/Kg | U 11/ 46693 9 46793 BH40742AE 8 15 FT HEPTACHLOR 76-44-8 8 9.6 ug/Kg | U ίV HEPTACHLOR 46893 BH40807AE 12 F7 76-44-8 8 8.5 ug/Kg | U HEPTACHLOR 76-44-8 BH40770AE 9.5 ug/Kg | U 46993 BH40086AE 16 FT HEPTACHLOR EPOXIDE 1024-57-3 98 9.8 ug/Kg | U 42193 10 9.9 ug/Kg | U 22 FT HEPTACHLOR EPOXIDE 1024-57-3 9.9 ĪV 42193 BH40091AE 16 HEPTACHLOR EPOXIDE 1024-57-3 9.6 BH40430AF 28 FT 9.6 ug/Kg |U 42193 22 V HEPTACHLOR EPOXIDE 1024-57-3 42193 BH40433AF 28 31 FT 9.6 9.6 ug/Kg | U 42293 BH40256AF 6 11 FT HEPTACHLOR EPOXIDE 1024-57-3 9.7 9.7 ug/Kg | U IV īv 42293 BH40258AE 11 13 FT HEPTACHLOR EPOXIDE 1024-57-3 9.7 9.7 ug/Kg | U 42593 BH40450AF 8 10 FT HEPTACHLOR EPOXIDE 1024-57-3 9.2 9.2 ug/Kg | U IV BH40290AE 10 17 FT HEPTACHLOR EPOXIDE 1024-57-3 9.3 9.3 ug/Kg | U IJ 42593 9.4 ug/Kg | U 43393 BH40324AE 8 13 FT HEPTACHLOR EPOXIDE 1024-57-3 9.4 īv HEPTACHLOR EPOXIDE 1024-57-3 īv 46593 BH40713AE 9.5 ug/Kg | U HEPTACHLOR EPOXIDE 1024-57-3 46693 BH40728AF 9.5 ug/Kg | U HEPTACHLOR EPOXIDE BH40742AE 8 15 F 1024-57-3 8 9.6 ug/Kg U 46793 12 FT HEPTACHLOR EPOXIDE 46893 BH40807AE 6 1024-57-3 8 8.5 ug/Kg | U 13 FT HEPTACHLOR EPOXIDE 1024-57-3 8 9.5 ug/Kg | U BH40770AF 7 46993 V 410 ug/Kg U HEXACHLOROBENZENE 1118-74-1 410 42193 BH40086AF 10 16 FT HEXACHLOROBENZENE 42193 BH40091AE 16 22 FT 118-74-1 410 410 ug/Kg | U ĪV īv 42193 BH40430AE 22 28 FT HEXACHLOROBENZENE 1118-74-1 400 400 ug/Kg U 42193 BH40433AE 28 31 FT **HEXACHLOROBENZENE** 118-74-1 400 400 ug/Kg U W BH40256AE **HEXACHLOROBENZENE** 118-74-1 400 400 ug/Kg U 42293 6 11 FT **HEXACHLOROBENZENE** 118-74-1 400 V 42293 BH40258AE 13 FT 400 ug/Kg |U HEXACHLOROBENZENE 42593 BH40450AE 10 FT 118-74-1 380 380 ug/Kg | U BH40290AE 10 17:FT HEXACHLOROBENZENE 118-74-1 390 390 ug/Kg | U J 42593 13.FT HEXACHLOROBENZENE 118-74-1 43393 BH40324AE 8 390 390 ug/Kg | U IV 46593 BH40713AF 11! 16 FT HEXACHLOROBENZENE 118-74-1 330 390 ug/Kg | U īV HEXACHLOROBENZENE 118-74-1 V 46693 BH40728AF 9 15 FT 330 390 ug/Kg | U 46793 BH40742AE 8 15 FT HEXACHLOROBENZENE 118-74-1 330 390 ug/Kg | U IV HEXACHLOROBENZENE 46893 BH40807AF 6 12 FT 1118-74-1 330 350 ug/Kg U IV 46993 BH40770AE 7 13 FT HEXACHLOROBENZENE 1118-74-1 330 390 ug/Kg | U īv 42193 BH40086AE 10 16 FT HEXACHLOROBUTADIENE 87-68-3 410 410 ug/Kg U īv BH40091AE HEXACHLOROBUTADIENE 87-68-3 410 42193 16 22 F1 410 ug/Kg U **HEXACHLOROBUTADIENE** 87-68-3 42193 BH40430AE 22 28 FT 400 400 ug/Kg U 42193 BH40433AE 28 31|F] HEXACHLOROBUTADIENE 87-68-3 400 400 ug/Kg U BH40256AE 11 FT HEXACHLOROBUTADIENE 87-68-3 400 400 ug/Kg U 42293 J 6 HEXACHLOROBUTADIENE 87-68-3 V 42293 BH40258AE 11 13 FT 400 400 ug/Kg U 10 FT HEXACHLOROBUTADIENE 87-68-3 380 380 ug/Kg | U V 42593 BH40450AF 8 10 HEXACHLOROBUTADIENE 42593 BH40290AF 17 FT 187-68-3 390 390 ug/Kg | U 1.1 43393 BH40324AE 8 13 FT HEXACHLOROBUTADIENE 87-68-3 390 390 ug/Kg | U V 46593 BH40713AF 11 16'FT HEXACHLOROBUTADIENE 87-68-3 330 390 ug/Kg | U īV 46693 BH40728AE 15 FT HEXACHLOROBUTADIENE 187-68-3 330 390 ug/Kg | U V 9 15|FT 46793 BH40742AE 8 HEXACHLOROBUTADIENE 87-68-3 330 390 ug/Kg | U īV HEXACHLOROBUTADIENE 46893 BH40807AE 12 F 87-68-3 330 350 ug/Kg U HEXACHLOROBUTADIENE 390 ug/Kg | U 46993 BH40770AE 13 FT 87-68-3 330 īV HEXACHLOROCYCLOPENTADIENE 42193 BH40086AE 10 16 FT 77-47-4 410 410 ug/Kg U IV HEXACHLOROCYCLOPENTADIENE BH40091AE 16 22 FT 410 410 ug/Kg U 42193 HEXACHLOROCYCLOPENTADIENE 42193 77-47-4 BH40430AE 22 28 FT 400 400 ug/Kg U ĪV HEXACHLOROCYCLOPENTADIENE 77-47-4 BH40433AF 28 31 FT 400 400 ug/Kg U īV 42193 HEXACHLOROCYCLOPENTADIENE 77-47-4 42293 BH40256AF 6 11 FT 400 400 ug/Kg U IJ **HEXACHLOROCYCLOPENTADIENE** 42293 BH40258AE 11 13 FT 400 400 ug/Kg U HEXACHLOROCYCLOPENTADIENE 177-47-4 42593 BH40450AE 8 10 FT 380 380 ug/Kg | U īv 42593 BH40290AE 10 17 FT HEXACHLOROCYCLOPENTADIENE 177-47-4 390 390 ug/Kg U IJ 43399 BH40324AE 8 13/FT HEXACHLOROCYCLOPENTADIENE 77-47-4 390 390 ug/Kg | U V 46593 BH40713AE HEXACHLOROCYCLOPENTADIENE 77-47-4 330 390 ug/Kg | U HEXACHLOROCYCLOPENTADIENE 46693 BH40728AE 9 330 390 ug/Kg | U **HEXACHLOROCYCLOPENTADIENE** 46793 BH40742AE 8 15|FT 77-47-4 330 390 ug/Kg | U HEXACHLOROCYCLOPENTADIENE BH40807AE 12|FT 330 350 ug/Kg | U ĪV 46893 6 HEXACHLOROCYCLOPENTADIENE 77-47-4 46993 BH40770AE 13 FT 330 390 ug/Kg U īV HEXACHLOROETHANE BH40086AF 10 16 FT 67-72-1 410 410 ug/Kg U IV 42193 HEXACHLOROETHANE 67-72-1 42193 BH40091AE 16 22 FT 410 410 ug/Kg | U IV HEXACHLOROETHANE 42193 BH40430AF 22 28 FT 167-72-1 400 400 ug/Kg | U īv 42493 BH40433AF 28 31 FT HEXACHLOROETHANE 67-72-1 400 400 ug/Kg | U IV 42293 BH40256AF 6 11 FT HEXACHLOROFTHANE 67-72-1 400 400 ug/Kg |U 42293 BH40258AE 11! 13 FT HEXACHLOROETHANE 67-72-1 400 400 ug/Kg |U īv 42593 BH40450AE 10 FT HEXACHLOROETHANE 67-72-1 380 380 ug/Kg | U IV

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB DEPTH DEPTH UNIT LOCATION DETECTION RESULT VALIDATION SAMPLE NUMBER RESULT | UNITS | QUALIFIER | QUALIFIER CODE Analyte CAS NO LIMIT 390 42593 BH40290AE 10 17 FT **HEXACHLOROETHANE** 67-72-1 390 ug/Kg | U 43393 BH40324AF 8 13!FT HEXACHLOROETHANE 67-72-1 390 ug/Kg | U V 390 46593 BH40713AE 16 FT HEXACHLOROETHANE 67-72-1 11 330 390 ug/Kg | U IV 46693 BH40728AE 15 FT HEXACHLOROETHANE 9 67-72-1 330 390 ug/Kg | U 46793 BH40742AE 8 15 FT HEXACHLOROETHANE 67-72-1 330 V 390 ug/Kg | U 46893 BH40807AE 6 12 F HEXACHLOROETHANE 67-72-1 330 350 ug/Kg |U IV 46993 BH40770AE 7 13 FT HEXACHLOROETHANE 67-72-1 330 390 ug/Kg | U IV 42193 BH40086AE 10 16 FT INDENO(1,2,3-CD)PYRENE 193-39-5 410 410 ug/Kg U IV BH40091AE 42193 16 22 FT INDENO(1,2,3-CD)PYRENE 193-39-5 410 410 ug/Kg U V 42193 BH40430AE 22 28 FT INDENO(1,2,3-CD)PYRENE 193-39-5 400 400 ug/Kg (U V 42193 INDENO(1,2,3-CD)PYRENE BH40433AF 28 31 FT 193-39-5 400 400 ug/Kg U īV 42293 BH40256AF 6 11 FT INDENO(1,2,3-CD)PYRENE 193-39-5 400 400 ug/Kg U īŢ 42293 BH40258AE 11 13:FT INDENO(1,2,3-CD)PYRENE 193-39-5 400 400 ug/Kg U 42593 BH40450AE 8 10 FT INDENO(1,2,3-CD)PYRENE 193-39-5 380 380 ug/Kg U V 42593 BH40290AE 10 17 FT INDENO(1,2,3-CD)PYRENE 193-39-5 390 390 ug/Kg U IJ BH40324AE 43393 8 13 FT INDENO(1,2,3-CD)PYRENE 193-39-5 390 390 ug/Kg | U IV 46593 BH40713AE 16 F INDENO(1,2,3-CD)PYRENE 193-39-5 330 390 ug/Kg | U ĺ۷ 46693 BH40728AE 9 15 FT INDENO(1,2,3-CD)PYRENE 193-39-5 330 390 ug/Kg | U V 46793 BH40742AE 15 FT INDENO(1,2,3-CD)PYRENE 8 193-39-5 330 390 ug/Kg | U V 6 INDENO(1,2,3-CD)PYRENE BH40807AE 46893 12 FT 193-39-5 330 350 ug/Kg U V 46993 INDENO(1,2,3-CD)PYRENE BH40770AF 13 FT 193.39.5 330 390 ug/Kg | U 78-59-1 42193 BH40086AF 10 16 FT USOPHORONE 410 410 ug/Kg U V 42193 BH40091AF 16 22 FT ISOPHORONE 78-59-1 410 410 ug/Kg | U 42193 BH40430AE 22 28 FT ISOPHORONE 78-59-1 400 400 ug/Kg | U 42193 RH40433AF 28 31 FT ISOPHORONE 78-59-1 400 400 ug/Kg (U Íν 42293 BH40256AE ISOPHORONE 400 ug/Kg U 11 FT 78-59-1 400 IJ 42293 BH40258AE 13 FT ISOPHORONE 78-59-1 400 400 ug/Kg | U ĪV 42593 BH40450AE 8 10:F ISOPHORONE 78-59-1 380 380 ug/Kg | U IV ISOPHORONE 42593 BH40290AE 10 17 FT 78-59-1 390 390¦ug/Kg | U LI 43393 BH40324AE ISOPHORONE 13 FT 8 78-59-1 390 390|ug/Kg | U V BH40713AE 46593 16 FT ISOPHORONE 11 78-59-1 330 390 ug/Kg U V 46693 ISOPHORONE BH40728AF 9 15|FT 78-59-1 330 390|ug/Kg |U īv BH40742AE ISOPHORONE 46793 8 15 FT 78-59-1 330 390 ug/Kg | U ίV 46893 RH40807AF 6 12 FT ISOPHORONE 78-59-1 330 350 ug/Kg U 46993 BH40770AE 7 13|FT ISOPHORONE 78-59-1 330 390 ug/Kg | U 42193 BH40086AE 10 16 FT METHOXYCHLOR 72-43-5 98 98 ug/Kg U iv 42193 BH40091AE METHOXYCHLOR 16 22 F 72-43-5 99 99|ug/Kg |U V BH40430AE METHOXYCHLOR 42193 22 28 FT 72-43-5 V 96 96 ug/Kg U 42193 BH40433AE 31 FT METHOXYCHLOR 28 72-43-5 96 96 ug/Kg U V 42293 BH40256AE 11 FT METHOXYCHLOR 6 72-43-5 97 97 ug/Kg |U W 42293 BH40258AE 11 METHOXYCHLOR 13 FT 72-43-5 97 97 ug/Kg U ĪV BH40450AF 42593 METHOXYCHLOR 8 10 FT 72-43-5 92 92 ug/Kg | U IV 42593 BH40290AF 10 17 FT METHOXYCHLOR 72-43-5 93 93 ug/Kg U 43393 BH403244F Ř 13 FT METHOXYCHI OR 72-43-5 94 94 ug/Kg |U 46593 BH40713AF 11 16 F METHOXYCHLOR 72-43-5 80 95 ug/Kg U 46693 BH40728AE 15 F7 METHOXYCHLOR 72-43-5 80 95 ug/Kg U IV 15 FT 46793 BH40742AE 8 METHOXYCHLOR 72-43-5 80 96 ug/Kg | U ۱۷ 46893 BH40807AE 12 F7 METHOXYCHLOR 72-43-5 80 85 ug/Kg U īv 46993 BH40770A8 13 FT METHOXYCHLOR 72-43-5 V 80 95 ug/Kg U 05093 BH00065AE 10 10 FT METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg |U IJ 05193 BH00068AE METHYLENE CHLORIDE 6 6 FT 75-09-2 6 6 ug/Kg U IJ 05193 BH00070AE 10 10 FT METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U 05193 BH00085AF 14 14 FT METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U 05393 BH00078AE 6 6 FT METHYLENE CHLORIDE 75-09-2 6 ug/Kg U īV 05393 BH00080AF 8 9|F1 METHYLENE CHLORIDE 75-09-2 5 ug/Kg J IA 40093 BH40171AE 10 10 FT METHYLENE CHLORIDE 75-09-2 30 9 ug/Kg J IA 40293 BH40120AE 6 FT METHYLENE CHLORIDE 75-09-2 6 6 1 ug/Kg J A BH40120AE 40293 METHYLENE CHLORIDE 6 6 FT 75-09-2 1 ug/Kg J 6 A 40393 BH40125AE METHYLENE CHLORIDE 6 6 F 75-09-2 6 6 ug/Kg IV METHYLENE CHLORIDE 40393 BH40125AE 6 6 F 175-09-2 6 6 ug/Kg V 40793 BH40161AE 10 10 FT METHYLENE CHLORIDE 75-09-2 6 ug/Kg U 6 V 40893 BH40029AE 7 7 FT METHYLENE CHLORIDE 75-09-2 5 6 ug/Kg U IJ BH40205AF 40993 9 METHYLENE CHI ORIDE 10 FT 75-09-2 6 6 ug/Kg U V 40993 BH40208AE 31 31 FT IMETHYLENE CHLORIDE 75-09-2 6 ug/Kg U V 41193 BH40051AE 6 6 FT METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg U iv 41193 BH40053AE 10 10 FT METHYLENE CHLORIDE 75-09-2 7 ug/Kg 41293 BH40198AE 6 6 FT METHYLENE CHLORIDE 75-09-2 6 ug/Kg | U 41593 BH40216AE METHYLENE CHLORIDE 8 F 75-09-2 6 A 2 ug/Kg |J 41693 BH40219AE 6 F METHYLENE CHLORIDE 75-09-2 39 ug/Kg V BH40221AE 41693 10 10 F METHYLENE CHLORIDE 75-09-2 16 ug/Kg 6 īV 41693 BH40223AE 17 17 FT METHYLENE CHLORIDE 75-09-2 6 20 ug/Kg īV 41993 BH40066AE 10 10 FT METHYLENE CHLORIDE 75-09-2 6 5 ug/Kg J Α 42093 BH40104AE 6 6 FT METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U V 42193 BH40437AE 6 6 FT METHYLENE CHLORIDE 75-09-2 5 5 ug/Kg |U IV BH40090AE 42193 10 10 FT METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U



Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics LAB DEPTH UNIT VALIDATION LOCATION DEPTH DETECTION RESULT SAMPLE NUMBER START CODE END CODE CAS NO LIMIT RESULT UNITS QUALIFIER QUALIFIER Analyte BH40255AE METHYLENE CHLORIDE 42293 8 FT 75-09-2 5 ug/Kg U BH40257AE METHYLENE CHLORIDE 42293 11 11 F 175-09-2 6 6 ug/Kg |U 11 BH40263AE METHYLENE CHLORIDE 175-09-2 142393 6 6 FT 5 5 ug/Kg į٧ BH40265AF METHYLENE CHLORIDE 42393 10 10 FT 175-09-2 6 5 ug/Kg J IA 42493 BH40289AF 10 10 FT METHYLENE CHLORIDE 175-09-2 6 7 ug/Kg IV 65 ug/Kg 42593 RH402944F 10 10 FT METHYLENE CHLORIDE 75-09-2 6 IV 42993 BH40142AE q 10 FT METHYLENE CHLORIDE 75-09-2 7 ug/Kg U IV 42993 BH40147AF 14 14 FT METHYLENE CHLORIDE 75-09-2 6 9 ug/Kg iV 43193 BH40308AE METHYLENE CHLORIDE IV 6 6 FT 75-09-2 5 ug/Kg |U 43393 BH40331AE 9 FT METHYLENE CHLORIDE 75-09-2 6 3 ug/Kg J ĪΑ BH40323AE METHYLENE CHLORIDE 43493 10 10 F 75-09-2 6 ug/Kg U IV 6 43693 METHYLENE CHLORIDE BH40342AE 6 FT 75-09-2 V 6 5 ug/Kg U BH40344AE METHYLENE CHLORIDE 43693 9 10 FT 75-09-2 5 īv 5 ug/Kg U BH40347AE 13 13 FT 43693 METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg U īV 43793 METHYLENE CHLORIDE BH40336AE 9 9 FT 175-09-2 5 5 ug/Kg | U IV 1 ug/Kg J 43793 BH40339AF 14 14 FT METHYLENE CHLORIDE 75-09-2 6 A 43893 BH40072AF 6 6 FT METHYLENE CHLORIDE 75-09-2 6 A 2 ug/Kg J 43893 BH40076AE 9 9 FT METHYLENE CHLORIDE 75-09-2 6 6 ug/Kg (J 43893 BH40074AF 12 13 FT METHYLENE CHLORIDE 75-09-2 10 ug/Kg ĪV 43893 BH40077AE 15 METHYLENE CHLORIDE 15 F7 75-09-2 31 ug/Kg |U ĪV 43993 BH40360AE 16 17 FT METHYLENE CHLORIDE 75-09-2 5 ug/Kg J IA BH40350AE 44093 6 6 F1 METHYLENE CHLORIDE 75-09-2 6 19 ug/Kg V METHYLENE CHLORIDE 44093 BH40352AF 14 15 FT 75-09-2 6 ١V 12 ug/Kg 44393 BH40037AE 10 10 FT METHYLENE CHLORIDE 75-09-2 6 4 ug/Kg J A 44593 BH40004AE 10 10 FT METHYLENE CHLORIDE 75-09-2 5 7 ug/Kg U IJ 44593 METHYLENE CHLORIDE BH40006AE 14 FT 14 75-09-2 -5 7 ug/Kg U IJ 44893 BH40189AE 6 6 FT METHYLENE CHLORIDE 75-09-2 6 3 ug/Kg |J IA 44893 BH40192AF 7 7 F T METHYLENE CHLORIDE 75-09-2 6 ĪV 9 ug/Kg 44893 BH40195AE 12 12|FT METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg 44893 BH40194AF 16 16 FT METHYLENE CHLORIDE 75-09-2 4 ug/Kg J 45693 BH40373AE 9 METHYLENE CHLORIDE 9 FT 75-09-2 3 ug/Kg J IA 45893 BH40381AE METHYLENE CHLORIDE 9 10 FT 75-09-2 24 ug/Kg | 46193 BH40387AE 8 8 FT METHYLENE CHLORIDE 75-09-2 6 5 ug/Kg |J ÌΑ 46593 BH40704AF 6 7 F1 METHYLENE CHLORIDE 75-09-2 5 īv 6 ug/Kg |U 46593 BH40712AE 10 FT METHYLENE CHLORIDE 10 175-09-2 5 6 ug/Kg U V 46693 BH40719AE 6 FT METHYLENE CHLORIDE 6 175-09-2 5 6 ug/Kg |U 46693 BH40727AE 15 FT METHYLENE CHLORIDE 14 75-09-2 5 6 ug/Kg U īv 46793 BH40733AE 6 6|F] METHYLENE CHLORIDE 75-09-2 5 6 ug/Kg U īV 46793 BH40741AF R 8 FT METHYLENE CHLORIDE 175-09-2 5 ĪV 6 ug/Kg |U 46893 BH40747AF 6 6 FT METHYLENE CHLORIDE 75-09-2 4 ug/Kg J 75-09-2 46893 BH40750AE 10 10 FT METHYLENE CHLORIDE 5 ug/Kg U V 46893 BH40755AE 12 12 FT METHYLENE CHLORIDE 5 ug/Kg J 75-09-2 IA 46993 BH40769AE METHYLENE CHLORIDE 75-09-2 6 ug/Kg U 7 7 F 5 V P208989 SEP1789BR0810 11 F METHYLENE CHLORIDE 75-09-2 6 8 ug/Kg SEP1789BR1214 13 15 FT METHYLENE CHLORIDE 75-09-2 6 15 ug/Kg IV P208989 SEP1789BR1618 METHYLENE CHLORIDE 17 19 FT 75-09-2 6 17 ug/Kg īV P209189 SEP1989BR0810 8 10 FT METHYLENE CHLORIDE 175-09-2 2 ug/Kg |J IA P209189 SEP1989BR1214 12 14 FT METHYLENE CHLORIDE 75-09-2 6 3 ug/Kg J iΑ P209189 SEP1989BR1618 16 18 F METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg J 75-09-2 P209189 SEP1989BR2021 20 21 FT METHYLENE CHLORIDE 6 2 ug/Kg J ĪΑ 23 FT P209189 SEP1989BR2223 22 METHYLENE CHLORIDE 75-09-2 7 ug/Kg SEP2289BR0810 10 FT P209489 8 METHYLENE CHLORIDE 75-09-2 6 14 ug/Kg V P209489 SEP2289BR1618 16 METHYLENE CHLORIDE 75-09-2 15 ug/Kg 6 IV P209489 SEP2289BR2022 METHYLENE CHLORIDE 22 F 75-09-2 6 4 ug/Kg J IA SEP2689BR0810 P209889 8 10 F METHYLENE CHLORIDE 75-09-2 6 3 ug/Kg J A P209889 SEP2689BR1214 V 12 METHYLENE CHLORIDE 13 F7 175-09-2 6 7 ug/Kg P210189 SEP3089BR0810 9 9 F METHYLENE CHLORIDE 75-09-2 690 380 ug/Kg | J IA P210189 SEP3089BR1214 14 FT METHYLENE CHLORIDE 13 75-09-2 610 450 ug/Kg JB IA P210189 SEP3089BR1618 METHYLENE CHLORIDE 17 19 FT 75-09-2 690 540 ug/Kg JB IA P210189 SEP3089BR2022 21 23 F METHYLENE CHLORIDE 75-09-2 690 630 ug/Kg JB ĪĀ P210189 SEP3089BR2426 25 27 FT METHYLENE CHLORIDE 75-09-2 740 590 ug/Kg JB P210289 SEP3189BR0810 8 10 F7 METHYLENE CHLORIDE 75-09-2 2 ug/Kg JB P210289 SEP3189BR1214 12 14 F7 METHYLENE CHLORIDE 75-09-2 6 2 ug/Kg J A P210289 SEP3189BR1618 16 18 F METHYLENE CHLORIDE 75-09-2 6 1 ug/Kg J IA BH40086AE NAPHTHALENE 410 410 ug/Kg U V 42193 10 191-20-3 NAPHTHALENE 42193 BH40091AE 16 22 F7 91-20-3 410 410 ug/Kg U ïV 42193 BH40430AE 22 28 FT NAPHTHALENE 191-20-3 400 400 ug/Kg U IV 42193 BH40433AE NAPHTHALENE 28 31 F7 191-20-3 400 400 ug/Kg U īV BH40256AE 42293 6 11!F NAPHTHALENE 91-20-3 400 400 ug/Kg U J BH40258AE 42293 111 13 FT NAPHTHALENE 191-20-3 400 400 ug/Kg U īV 42593 BH40450AF NAPHTHALENE 8 10 FT 91-20-3 380 380 ug/Kg U 42593 BH40290AF 10 17 FT NAPHTHALENE 91-20-3 390 390 ug/Kg U RH403244E 43393 8 13 FT NAPHTHALENE 91-20-3 390 390 ug/Kg U 46593 BH40713AE 11 16 FT NAPHTHALENE 91-20-3 330 390 ug/Kg | U 46693 BH40728AE 9 15 FT NAPHTHALENE 91-20-3 330 390 ug/Kg | U IV

| | Table | A.10 So | lar Evap | oration | Ponds AOC - A | nalytical Results for Su | bsurface Soil | 6.55 | 6 Feet - C | rganics | | |
|----------|--------------------------|-----------------------|----------|---------|------------------------------|--------------------------|----------------------|--------------|------------|----------------------|------------|--------------|
| LOCATION | | DEPTH | | | | | | DETECTION | | | LAB RESULT | VALIDATION |
| . CODE 1 | SAMPLE NUMBER | Billian Car James Com | END | CODE | Sept. | Analyte | CAS NO | LIMIT | | | QUALIFIER | QUALIFIER |
| | BH40742AE BH40807AE | 8 | | FT | NAPHTHALEN NAPHTHALEN | | 91-20-3 | 330 | | | | V |
| | BH40770AE | 7 | | FT | NAPHTHALEN | | 91-20-3 | 330 | | ug/Kg ug/Kg | | V |
| | BH40086AE | 10 | | | NITROBENZE | | 198-95-3 | 410 | | | | V |
| | BH40091AE | 16 | 22 | | NITROBENZE | 1E | 98-95-3 | 410 | | | | v |
| | BH40430AE | 22 | 28 | | NITROBENZE | | 98-95-3 | 400 | 400 | ug/Kg | U | V |
| | BH40433AE BH40256AE | 28 | | | NITROBENZE | | 98-95-3 | 400 | | | | V |
| | BH40258AE | 11 | 11 | | NITROBENZEN NITROBENZEN | | 98-95-3 98-95-3 | 400 | | | | J |
| | BH40450AE | 8 | 10 | | NITROBENZEN | | 98-95-3 | 380 | | | | V |
| | BH40290AE | 10 | 17 | | NITROBENZEN | | 98-95-3 | 390 | | | | j |
| | BH40324AE | 8 | 13 | | NITROBENZEN | IÉ . | 98-95-3 | 390 | | | | V |
| | BH40713AE | 11 | 16 | | NITROBENZEN | | 98-95-3 | 330 | 390 | ug/Kg | U ! | V |
| | BH40728AE BH40742AE | 9 | 15 | | NITROBENZEN | | 98-95-3 | 330 | | | | V |
| | BH40807AE | 6 | 12 | | NITROBENZEN | | 98-95-3 98-95-3 | 330 | | | | V |
| | BH40770AE | 7 | 13 | | NITROBENZEN | | 98-95-3 | 330 | | | | V |
| | BH40086AE | 10 | 16 | | | N-PROPYLAMINE | 621-64-7 | 410 | | | | <u>v</u> |
| | BH40091AE | 16 | 22 | | | N-PROPYLAMINE | 621-64-7 | 410 | | | | * |
| | BH40430AE | 22 | 28, | | | | 621-64-7 | 400 | | | | V |
| | BH40433AE | 28 | 31 | | | | 621-64-7 | 400 | 400 | ug/Kg | | V |
| | BH40256AE | 6 | 11 | | | | 621-64-7 | 400) | | | | J |
| | BH40258AE BH40450AE | 11 <u>i</u> 8; | 13 10 | | | | 621-64-7 | 400 | | | | V |
| | BH40290AE | 10 | 17 | | | | 621-64-7 621-64-7 | 380 | | | | <u> </u> |
| <u>-</u> | BH40324AE | 8 | 13 | | | | 621-64-7 | 390) 390) | | | | A N |
| | BH40713AE | 11 | 16 | | | | 621-64-7 | 330 | | ug/Kg | | V . |
| | BH40728AE | 9 | 15 | | | | 621-64-7 | 330 | | | | · |
| ···· | BH40742AE | 8 | 15 | | | | 621-64-7 | 330 | | | | V |
| | BH40807AE | 6 | 12 | | | | 621-64-7 | 330 | | | | V |
| | BH40770AE BH40086AE | 10 | 13 | | | | 621-64-7 | 330) | | | U (| |
| | BH40091AE | 16 | 22 | | N-NITROSODIF N-NITROSODIF | | 86-30-6 86-30-6 | 410 | | | | V . |
| | BH40430AE | 22 | 28 | | N-NITROSODIF | | 86-30-6 | 410 | | ug/Kg ug/Kg | | |
| | BH40433AE | 28 | 31 | | N-NITROSODIF | | 86-30-6 | 400 | | | U N | |
| | BH40256AE ; | 6 | 11 | FT , | N-NITROSODIF | | 86-30-6 | 400 | | | Ü . | |
| <u>-</u> | BH40258AE ! | 11 | 13 | | N-NITROSODIF | | 86-30-6 | 400 | | | Ū | |
| | BH40450AE | 8 | 10 | | N-NITROSODIF | | 86-30-6 | 380, | | ug/Kg | | V |
| | BH40290AE BH40324AE | 10 | 17 | | N-NITROSODIF | | 86-30-6 | 390 | | ug/Kg | | |
| | BH40713AE | 11 | 16 | | N-NITROSODIF N-NITROSODIF | | 86-30-6 86-30-6 | 390 | | ug/Kg | | |
| | BH40728AE | 9 | 15 | | N-NITROSODIF | | 86-30-6 | 330 | | ug/Kg (l ug/Kg (l | | |
| | BH40742AE | 8 | 15 | | N-NITROSODIF | | 86-30-6 | 330 | | ug/Kg | | |
| | BH40807AE | 6 | 12 | | N-NITROSODIF | | 86-30-6 | 330 | | | Ū N | |
| | BH40770AE | 7 | 13 | | N-NITROSODIP | | 86-30-6 | 330 | | ıg/Kg | U IV | / |
| | BH40086AE BH40091AE | 10; | 16 | | PALMITIC ACID | | 57-10-3 | 1 | | Jg/Kg ∣. | | |
| | BH40086AE | 16 10 | 22 F | | PALMITIC ACID P-BROMODIPH | | 57-10-3 | | | ıg/Kg i | | |
| | BH40091AE | 16 | 22 F | | P-BROMODIPH | | 101-55-3 | 410 | | ig/Kg | | |
| | BH40430AE | 22 | 28 F | | P-BROMODIPH | | 101-55-3 | 410 | | ig/Kg l | | |
| 2193 | BH40433AE | 28 | 31 F | | P-BROMODIPH | | 101-55-3 | 400 | | ig/Kg | | |
| ~~~ | BH40256AE | 6 | 11 | ·T !! | P-BROMODIPH | ENYL ETHER | 101-55-3 | 400 | | ıg/Kg (| | |
| | BH40258AE | 11 | 13 F | | P-BROMODIPH | | 101-55-3 | 400 | 400¦t | ıg/Kg l | <u>ا</u> ر | / |
| | BH40450AE BH40290AE | 10 | 10 F | | P-BROMODIPH | | 101-55-3 | 380 | | ıg/Kg (| | |
| | BH40324AE i | 8 | 17 F | | P-BROMODIPHI P-BROMODIPHI | | 101-55-3 | 390 | | ıg/Kg (| | |
| | BH40713AE | 11 | 16 F | | P-BROMODIPH | | 101-55-3 101-55-3 | 390 | | ig/Kg (ig/Kg (| | |
| 6693 E | 3H40728AE | 9: | 15 F | | P-BROMODIPH | | 101-55-3 | 330 | | ig/Kg (l | | |
| | BH40742AE | 8 | 15 F | 7 | P-BROMODIPHI | | 101-55-3 | 330 | | ig/Kg It | | |
| | 3H40807AE | 6 | 12 F | | P-BROMODIPH | NYL ETHER | 101-55-3 | 330 | | ıg/Kg l | | |
| | 3H40770AE | 7 | 13 F | | P-BROMODIPHI | | 101-55-3 | 330 | 390 L | ıg/Kg L | J | |
| | 3H40086AE 3H40091AE | 10 | 16 F | | PENTACHLORO | | 37-86-5 | 2000 | | g/Kg L | | |
| | 3H40430AE | 22 | 22 F | | PENTACHLORO PENTACHLORO | | 37-86-5 37-86-5 | 2100 | | g/Kg (| | |
| | 3H40433AE | 28 | 31 F | | PENTACHLORO | | 37-86-5 37-86-5 | 2000 | | ıg/Kg (t ıg/Kg (t | | |
| | 3H40256AE | 6 | 11 F | | PENTACHLORO | | 37-86-5 | 2000 | | g/Kg L | | |
| | 3H40258AE | 11 | 13 F | | PENTACHLORO | | 37-86-5 | 2000 | | g/Kg L | | |
| | 3H40450AE | 8 | 10 F | | PENTACHLORO | | 37-86-5 | 1900 | | g/Kg L | | |
| | 3H40290AE | 10 | 17 F | | PENTACHLORO | | 37-86-5 | 1900 | 1900 L | g/Kg L | J J | |
| | 3H40324AE | 8 | 13 F | | PENTACHLORO | | 37-86-5 | 2000; | | g/Kg L | | |
| | 3H40713AE 3H40728AE | 11 | 16 F | | PENTACHLORO | | 7-86-5 | 1600 | | g/Kg L | | |
| | 3H40742AE | 8 | 15 F | | PENTACHLORO PENTACHLORO | | 37-86-5 37-86-5 | 1600 | | g/Kg L | | |
| | | 6 | 12 F | | ENTACHLORO | | 7-86-5 | 1600 | | g/Kg U g/Kg U | | |
| 6893 B | H40807AE | 01 | 12:5 | 1 15 | ENTACHLURG | THENUL 17 |)/-0D-0 ' | | | | | |

| | Table | e A.10 So | lar Evapo | ration I | Ponds AOC - Analytical Results for Su | bsurface Soil | s Greater Thar | 6 Feet - Orga | nics | | 7.7 |
|--------------|------------------------|--------------------------------|-----------------------------------|-------------|---------------------------------------|---------------------|----------------|--|-------|-------------|------------|
| LOCATION | | DEPTH | DEPTH | UNIT | | | DETECTION | | Ten d | RESULT | VALIDATION |
| | SAMPLE NUMBER | - mark frieder may be wrent in | والمربهين كالماء والمراز والمبيور | CODE | Analyte | CAS NO | LIMIT 1 | RESULT UN | | | |
| | BH40086AE | 10 | | | PHENANTHRENE | 85-01-8 | 410 | | | | <u>iV</u> |
| | BH40091AE BH40430AE | 16 22 | | | PHENANTHRENE PHENANTHRENE | 85-01-8 85-01-8 | 410 | <u> </u> | | | IV IV |
| | BH40433AE | 28 | ~~~ | | PHENANTHRENE | 85-01-8 | 400 | | | | V |
| | BH40256AE | 6 | | | PHENANTHRENE | 85-01-8 | 400 | | | | J |
| | BH40258AE | 11 | | | PHENANTHRENE | 85-01-8 | 400 | · | | | V |
| | BH40450AE | 8 | | | PHENANTHRENE | 85-01-8 | 380 | | · | | V |
| | BH40290AE | 10 | | | PHENANTHRENE | 85-01-8 85-01-8 | 390 | | | | V |
| | BH40324AE BH40713AE | 11 | | | PHENANTHRENE PHENANTHRENE | 185-01-8 | 390 | | | | V |
| | BH40728AE | 9 | | | PHENANTHRENE | 185-01-8 | 330 | | | <u> </u> | V |
| · | BH40742AE | 8 | | | PHENANTHRENE | 85-01-8 | 330 | | | | V |
| - | BH40807AE | 6 | | i | PHENANTHRENE | 85-01-8 | 330 | ······································ | | | V |
| | BH40770AE | 7 | | | PHENANTHRENE | 185-01-8 | 330 | | | | V |
| | BH40086AE BH40091AE | 10 | | | PHENOL PHENOL | 108-95-2 | 410 | | | | V |
| | BH40430AE | 22 | | | PHENOL | 108-95-2 | 1 400 | | | | IV |
| | BH40433AE | 28 | | | PHENOL | 108-95-2 | 400 | -1-3 | | 1 | iv |
| | BH40256AE | 6 | | | PHENOL | 108-95-2 | 400 | | | Ū | J |
| | BH40258AE | 11 | 13 | | PHENOL | 108-95-2 | 400 | 400 ug/k | g | | ÍV |
| | BH40450AE | 8 | | | PHENOL | 108-95-2 | 380 | | | | V |
| | BH40290AE | 10 | | | PHENOL | 1108-95-2 | 390 | | | | J |
| | BH40324AE BH40713AE | 8 11 | <u> </u> | | PHENOL PHENOL | 108-95-2 | 390 | | | | V |
| | BH40728AE | 9 | | | PHENOL | 108-95-2 | 330 | | | | IV IV |
| .,, | BH40742AE | 8 | | | PHENOL | 108-95-2 | 330 | | | <u> </u> | V |
| | BH40807AE | 6 | | | PHENOL | 108-95-2 | 330 | <u> </u> | | | V |
| | BH40770AE | 7 | 13 | FT | PHENOL | 108-95-2 | 330 | 390 ug/k | g | U | V |
| | BH40086AE | 10 | | | PYRENE | 129-00-0 | 410 | | _ | | V |
| | BH40091AE | 16 | | | PYRENE | 129-00-0 | 410 | | | <u> </u> | V |
| | BH40430AE BH40433AE | 22 28 | | | PYRENE PYRENE | 129-00-0 | 400 400 | | | | V |
| | BH40256AE | 6 | | | PYRENE | 129-00-0 | 400 | | | U | J |
| | BH40258AE | 11 | | | PYRENE | 129-00-0 | 400 | | _ | Ü | v |
| 42593 | BH40450AE | 8 | 10 | FT | PYRENE | 129-00-0 | 380 | | | Ū | V |
| | BH40290AE | 10 | | | PYRENE | 129-00-0 | 390 | | | U | J |
| | BH40324AE | 8 | | | PYRENE | 129-00-0 | 390 | | | <u> </u> | V |
| | BH40713AE BH40728AE | 11 | | | PYRENE PYRENE | 129-00-0 | 330 | | | | V |
| | BH40742AE | 9 | | | PYRENE | 129-00-0 | 330 | 390 ug/k 390 ug/k | | | V |
| | BH40807AE | 6 | | | PYRENE | 129-00-0 | 330 | | | | V |
| | BH40770AE | 7 | | | PYRENE | 129-00-0 | 330 | | | | V |
| | BH00065AE | 10 | | FT | STYRENE | 100-42-5 | 6 | 6 ug/k | g | U | V |
| | BH00068AE | 6 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH00070AE | 10 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH00085AE BH00078AE | 14 6 | | | STYRENE · | 100-42-5 | 6 | | | | IV IV |
| | BH00080AE | 8 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40171AE | 10 | | | STYRENE | 100-42-5 | 30 | | | | v . |
| 10293 | BH40120AE | 6 | 6 | FT | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40120AE | 6 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40125AE | 6 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40125AE | 6 | | | STYRENE | 1100-42-5 | 6 | | | | V |
| | BH40161AE BH40029AE | 10 7: | | | STYRENE STYRENE | 100-42-5 | 6 5 | | | | V V |
| | BH40205AE | 9, | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40208AE | 31 | | | STYRENE | 100-42-5 | 6 | | | | v |
| | BH40051AE | 6 | | | STYRENE | 100-42-5 | 5 | 5 ug/k | g | U | V |
| | BH40053AE | 10, | | | | 100-42-5 | 7 | | | | V |
| | BH40198AE | 6 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40216AE BH40219AE | 7 6 | | | STYRENE STYRENE | 100-42-5 | 6 7 | | | | V V |
| | BH40221AE | 10 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40223AE | 17 | | | STYRENE | 1100-42-5 | 6 | | | | V |
| 1993 | BH40066AE | 10 | 10 | FT | STYRENE | 100-42-5 | 6 | | | | v |
| · | BH40104AE | 6 | | | STYRENE | 100-42-5 | 6 | | | | V |
| | BH40437AE | 6 | | | STYRENE | 100-42-5 | 5 | | | · | ٧ |
| | BH40090AE | 10 | | | STYRENE | 100-42-5 | . 6 | | | | V |
| | BH40255AE BH40257AE | 7 | | | STYRENE STYRENE | 100-42-5 | 5 6 | | | | J |
| | BH40263AE | 6 | | | STYRENE | 100-42-5 | 5 | | | | Λ . |
| | BH40265AE | 10 | | | STYRENE | 100-42-5 | 6 | | | | V |
| 2403 | BH40289AE | 10 | | | STYRENE | 100-42-5 | 6 | | | | v |
| | BH40294AE | 10 | | | STYRENE | 100-42-5 | 6 | | | | ٧ |
| 2993 Ī | BH40142AE | 9 | 10 | FT | STYRENE | 100-42-5 | 7 | 7 ug/K | g | U | ٧ |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics 1 ALCONOMICS. S#2 14 \$259 DEPTH UNIT DETECTION RESULT VALIDATION LOCATION DEPTH RESULT UNITS CODE SAMPLE NUMBER START END CODE CAS NO LIMIT. QUALIFIER QUALIFIER Analyte 6 ug/Kg |U BH40147AE 14 FT STYRENE 100-42-5 42993 14 BH40308AE 6 FT ISTYRENE 100-42-5 5 5 ug/Kg |U 43193 6 STYRENE 6 ug/Kg U 6 ug/Kg U BH40331AE 100-42-5 īV 43393 9 9 FT 6 BH40323AF STYRENE 100-42-5 ī 43493 10 10.FT 6 5 43693 BH40342AE 6 6 FT STYRENE 1100-42-5 5 ug/Kg |U īV 43693 BH40344AF 9 10 FT STYRENE 100-42-5 5 5 ug/Kg |U īv 43693 BH40347AF 13 13 FT STYRENE 100-42-5 6 6 ug/Kg |U 11/ 43793 BH40336AE 9.F STYRENE 100-42-5 5 ug/Kg ¡U 43793 BH40339AE 14 STYRENE 100-42-5 6 ug/Kg |U ĪV 14 FT 100-42-5 BH40072AE STYRENE 43893 6 6 F 6 6 ug/Kg |U 6 ug/Kg (U BH40076AE 9 F STYRENE 100-42-5 6 īV 43893 43893 BH40074AE 12 13 F STYRENE 100-42-5 5 5 ug/Kg |U 1 BH40077AE 15 15 FT STYRENE 100-42-5 31 ug/Kg |U īV 43893 31 STYRENE BH40360AE 100-42-5 7_iug/Kg |U ¥43993 16 17 FT 7 10 BH40350AE STYRENE 6 ĪV 44093 6 100-42-5 6 ug/Kg U 6 FT BH40352AE ISTYRENE 6 44093 14 15 FT 100-42-5 6 ug/Kg U iv 44393 BH40037AE 10 10 F STYRENE 100-42-5 6 6 ug/Kg | U īV 44593 BH40004AE 10 10 FT STYRENE 100-42-5 5 6 ug/Kg U IV 44593 BH40006AE 14 14 F STYRENE 100-42-5 5 īv 6 ug/Kg U STYRENE 44893 BH40189AE 6 100-42-5 6 F 6 6 ug/Kg U Īν 100-42-5 44893 BH40192AE STYRENE 6 ug/Kg |U 7:F 6 44893 BH40195A 12 12 FT STYRENE 100-42-5 6 6 ug/Kg |U IV 44893 BH40194AE 16 STYRENE 100-42-5 16 F 6 6 ug/Kg |U IV 45693 BH40373AE 9 STYRENE 9 FT 100-42-5 6 6 ug/Kg |U IV BH40381AE 45893 9 STYRENE 100-42-5 5 10 F 5 ug/Kg U !V 46193 BH40387AE 8 8 F STYRENE 100-42-5 6 6 ug/Kg U īv BH40704AF 6 46593 7 F STYRENE 100-42-5 5 6 ug/Kg |U īv 5 46593 BH40712AE 10 10 F STYRENE 100-42-5 6 ug/Kg U 46693 BH40719AF 6 6 FT STYRENE 100-42-5 5 6 ug/Kg | U 46693 BH40727AE 14 15 F7 STYRENE 100-42-5 5 6 ug/Kg U 46793 BH40733AE 6 6FT STYRENE 100-42-5 5 6 ug/Kg |U ĪV BH40741AE STYRENE 46793 8 8 F 100-42-5 5 ĪΫ 6 ug/Kg | U 46893 BH40747AE 6 6 F7 STYRENE 100-42-5 6 ug/Kg U īv 46893 BH40750AE 10 STYRENE 10 F 100-42-5 5 5 ug/Kg |U IV 46893 BH40755AE 12 12 F7 ISTYRENE 100-42-5 5 6 ug/Kg |U īv 6 ug/Kg U 6 ug/Kg U BH40769AE ISTYRENE 100-42-5 46993 7 7 F 5 IV P208989 SEP1789BR0810 ä 11 F STYRENE 100-42-5 6 17 P208989 SEP1789BR1214 13 15'FT STYRENE 100-42-5 6 6 ug/Kg U ĺν P208989 SEP1789BR1618 17 19 FT STYRENE 100-42-5 6 ug/Kg U 6 10 FT P209189 SEP1989BR0810 8 STYRENE 100-42-5 5 ug/Kg |U V P209189 SEP1989BR1214 12 14 F STYRENE 100-42-5 6 ug/Kg |U SEP1989BR1618 6 ug/Kg U P209189 16 18 F STYRENE 100-42-5 6 IV SEP1989BR2021 P209189 20 21 FT STYRENE 100-42-5 6 6 ug/Kg IU IV P209189 SEP1989BR2223 22 23 FT STYRENE 100-42-5 6 6 ug/Kg U IV P209489 SEP2289BR0810 8 10 F STYRENE 100-42-5 6 6 ug/Kg |U IV P209489 SEP2289BR1618 16 18 FT STYRENE 1100-42-5 6 ug/Kg U 6 IV SEP2289BR2022 P209489 20 22 FT ISTYRENE 100-42-5 6 6 ug/Kg |U ίV P209889 SEP2689BR0810 6 ug/Kg U 8 10 F STYRENE 100-42-5 6 IV P209889 ISEP26898R1214 12 13 FT STYRENE 100-42-5 6 6 ug/Kg U īv P210189 SEP3089BR0810 9 F STYRENE 100-42-5 690 690 ug/Kg | U īV P210189 SEP3089BR1214 13 14 F7 STYRENE 100-42-5 610 610 ug/Kg U P210189 SEP3089BR1618 17 19:F STYRENE 100-42-5 690 690 ug/Kg | U īv SEP3089BR2022 P210189 21 23 FT STYREN 100-42-5 690 690 ug/Kg | U IV SEP3089BR2426 STYRENE P210189 25 27 FT 100-42-5 740 740 ug/Kg |U IV P210289 SEP3189BR0810 8 10 FT STYRENE 100-42-5 6 6 ug/Kg | U IV P210289 SEP3189BR1214 14 FT STYRENE 12 100-42-5 6 6 ug/Kg U ÍV P210289 SEP3189BR1618 16 18 FT STYRENE 100-42-5 6 6 ug/Kg |U īν 05093 IBH00065AF 10 10 FT TCE 79-01-6 6 6 ug/Kg U V 05193 6 ug/Kg U BH00068AF 6 6 F TCE 79-01-6 6 TCE 05193 BH00070AF 10 10 FT 79-01-6 6 ug/Kg |U 6 05193 BH00085AE 14 14 FT TCE 79-01-6 6 6 ug/Kg U ĪV 05393 BH00078AF 6 FT TCE 79-01-6 6 6 6 ug/Kg |U ĪV 05393 BH00080AE 8 9|F TCE 79-01-6 6 ug/Kg U 6 IV 40093 BH40171AE 10 10 FT TCE 79-01-6 30 30 ug/Kg (U īv 40293 BH40120AE 6|F 79-01-6 TCE 6 ug/Kg | U 6 ug/Kg | U 6 6 ١٧ 40293 BH40120AE 6 6 FT TCE 79-01-6 6 ١V 40393 BH40125AE 6 TCE 6 FT 179-01-6 6 6 ug/Kg |U ٠v 40393 BH40125AE 6 FT 6 TCF 179-01-6 6 6 ug/Kg | U 11/ BH40161AE TCE 40793 10 10 FT 79-01-6 6 6 ug/Kg (U IBH40029AF 40893 7 7 FT ITCE 79-01-6 5 6 ug/Kg |U ⅳ 40993 BH40205AE 9 10 FT TCE 79-01-6 6 6 ug/Kg U V TCE 40993 BH40208AE 31 31 FT 79-01-6 6 ug/Kg U 41193 BH40051AE 6 FT TCE 79-01-6 5 5 ug/Kg U V 41193 BH40053AE 10 F7 79-01-6 7_iug/Kg jU īV BH40198AE 6 FT TCE 79-01-6 6 6 V 6 ug/Kg |U

Slell

| • | Table | e A.10 So | lar Evaporation | Ponds AOC - Analytical Results | for Subsurface Soil | s Greater Tha | n 6 Feet - Organics | i | |
|---------------|----------------------------------|------------|--|--------------------------------|----------------------|---------------|---------------------|-----------------|--------------|
| LOCATION | | DEPTH | DEPTH UNIT | | | DETECTION | Eli dia se la Ma | . LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | END CODE | Analyte | CAS NO | LIMIT | RESULT UNITS | | |
| | BH40216AE | 7 | ~~ | TCE | 79-01-6 | 1 6 | | | V |
| | BH40219AE BH40221AE | 10 | | TCE | 79-01-6 79-01-6 | 7 | | | V V |
| | BH40223AE | 17 | THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME | TCE | 79-01-6 | 1 6 | | | IV |
| 41993 | BH40066AE | 10 | | TCE | 79-01-6 | i | | | V |
| | BH40104AE | 6 | | TCE | 79-01-6 | (| | | V |
| | BH40437AE BH40090AE | 10: | | TCE |)79-01-6 79-01-6 | ! 5 ! 6 | | | V |
| 1 1 1 1 1 1 1 | BH40255AE | 7 | | TCE | 79-01-6 | 5 | | | J |
| | BH40257AE | 11, | | TCE | 79-01-6 | 6 | | | J |
| · | BH40263AE | 6 | | TCE | 79-01-6 | 5 | | | ĮV |
| | BH40265AE BH40289AE | 10 | | TCE | 79-01-6 79-01-6 | j 6 | | | V V |
| | BH40294AE | 10 | | TCE | 179-01-6 | 6 | | | v |
| | BH40142AE | 9 | | TCE | 79-01-6 | 7 | 7 ug/Kg | | V |
| <u></u> | BH40147AE | 14 | | TCE | 179-01-6 | ! 6 | | | V |
| | BH40308AE BH40331AE | j 6 | | TCE TCE | 79-01-6 79-01-6 | 5 | | | V V |
| | BH40323AE | 10 | | TCE | 79-01-6 | 6 | | | v |
| | BH40342AE | 6 | | TCE . | 79-01-6 | 5 | 5 ug/Kg | | V |
| | BH40344AE | 9 | | TCE | 79-01-6 | 5 | | | V |
| | BH40347AE BH40336AE | 13 | | TCE TCE | [79-01-6 [79-01-6 | [6] 5 | | | V |
| <u></u> | BH40339AE | 14 | | TCE | 79-01-6 | 6 | | | v |
| | BH40072AE | 6 | | TCE | 79-01-6 | 6 | 6 ug/Kg | U | V |
| | BH40076AE BH40074AE | 9; 12 | | TCE TCE | 79-01-6 79-01-6 | 6 | | | V |
| | BH40077AE | 15 | | TCE | 179-01-6 | 5 31 | | | V V |
| | BH40360AE | 16 | | TCE | 79-01-6 | 7 | | | v |
| | BH40350AE | 6, | | TCE | 79-01-6 | 6 | | | V |
| | BH40352AE BH40037AE | 14 10 | | TCE TCE | 79-01-6 79-01-6 | 6 | | | V |
| | BH40004AE | 10 | | TCE | 79-01-6 | 5 | | | V |
| | BH40006AE | 14 | | TCE | 79-01-6 | 5 | | | V |
| | BH40189AE | 6 | | TCE | 79-01-6 | 6 | | | V |
| | BH40192AE BH40195AE | 7 12 | | TCE TCE | 79-01-6 79-01-6 | 6 | | | V j |
| | BH40194AE | 16 | | TCE | 179-01-6 | 6 | | | V |
| 45693 | BH40373AE | 9 | 9FT | TCE | 79-01-6 | 6 | | | V |
| | BH40381AE | 9 | ··· | TCE | 79-01-6 | 5 | | | V |
| | BH40387AE BH40704AE | 8 6 | | TCE TCE | 79-01-6 179-01-6 | 6 | | <u>`</u> | V |
| | BH40712AE | 10 | | TCE | 79-01-6 | 5 5 | | | V |
| | BH40719AE | 6 | 6 FT | TCE | 79-01-6 | 5 | | | J |
| | BH40727AE | 14 | | TCE | 79-01-6 | 5 | | | V |
| | BH40733AE : BH40741AE : | 6 8 | | TCE TCE | 79-01-6 79-01-6 | 5 5 | | | V |
| | BH40747AE | 6 | | TCE | 79-01-6 | 5 | | | V |
| | BH40750AE | 10 | | TCE | 79-01-6 | 5 | | | V |
| | BH40755AE | 12 | ····· | TCE | 79-01-6 | 5 | | | V |
| | BH40769AE SEP1789BR0810 | 9 | | TCE TCE | 79-01-6 79-01-6 | 5 | | | V |
| | SEP1789BR1214 | 13 | | TCE | 79-01-6 | 6 | | | V |
| | SEP1789BR1618 | 17 | | TCE | 79-01-6 | 6 | | | V |
| | SEP1989BR0810 | 8) | | TCE | 79-01-6 | 5 | | | V |
| | SEP1989BR1214 SEP1989BR1618 | 12 16 | | TCE TCE | 79-01-6 79-01-6 | 6 | | | V V |
| <u> </u> | SEP1989BR2021 | 20 | | TCE | 79-01-6 | 6 | | | V |
| · | SEP1989BR2223 | 22 | | TCE | 79-01-6 | 6 | 6 ug/Kg | Ú | v j |
| | SEP2289BR0810 SEP2289BR1618 | 8 | | TCE | 79-01-6 | 6 | | | <u>V</u> |
| | SEP2289BR1618 SEP2289BR2022 | 16 | | TCE TCE | 79-01-6 79-01-6 | 6 | | | V |
| | SEP2689BR0810 | 8 | | TCE | 79-01-6 | 6 | | | v |
| | SEP2689BR1214 | 12 | 13 FT | TCE | 79-01-6 | 6 | 6 ug/Kg | U | V |
| | SEP3089BR0810 SEP3089BR1214 | 9 | | TCE | 79-01-6 | 690 610 | | | V . |
| | SEP3089BR1214 SEP3089BR1618 | 13) 17) | | TCE TCE | 79-01-6 79-01-6 | 610 690 | | | v v |
| P210189 | SEP3089BR2022 | 21 | 23 FT | TCE | 79-01-6 | 690 | | | v |
| | SEP3089BR2426 | 25 | | TCE | 79-01-6 | 740 | 740 ug/Kg | Ú į | V |
| | SEP3189BR0810 SEP3189BR1214 | 8 12 | | TCE TCE | 79-01-6 | 6 | | | V |
| | SEP3189BR1214 SEP3189BR1618 | 16 | | TCE | 79-01-6 79-01-6 | 6 | | | V |
| 05093 | BH00065AE | 10 | | TETRACHLOROETHENE | 127-18-4 | 6 | | | v |
| | BH00068AE | 6 | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg | U | V |
| 05193 | BH00070AE | 10 | 10 FT | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg | U | V |



Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics A. M. M. B. 100 (a, d), 4 **(神) (音)** 18 Sept. 1865 4. 15 11 AP . 12 LOCATION DEPTH DEPTH UNIT 1 die DETECTION RESULT VALIDATION À 21. 16 SAMPLE NUMBER START END CODE CAS NO LIMIT RESULT UNITS QUALIFIER CODE Analyte QUALIFIER 05193 TETRACHLOROETHENE BH00085AE 127-18-4 6 ug/Kg jU 05393 BH00078AE TETRACHLOROETHENE 1127-18-4 ñ 6 ug/Kg |U 05393 BH00080AE TETRACHLOROETHENE 127-18-4 6 6 ug/Kg !U IV 40093 BH40171AE 10 10 FT TETRACHLOROETHENE 1127-18-4 30 30 ug/Kg U V 40293 BH40120AE 6 6'FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg | U IV 40293 BH40120AE 6 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U W TETRACHLOROETHENE 40393 BH40125AF 6 6 FT 127-18-4 6 3 ug/Kg jJ IA 40393 BH40125AF 6 6 FT TETRACHLOROETHENE 127-18-4 6 3:ug/Kg J 40793 BH40161AF 10 10 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 40893 BH40029AE 7 TETRACHLOROETHENE 127-18-4 7 FT 5 6 ug/Kg IU IV 40993 BH40205AF TETRACHLOROETHENE 6 ug/Kg |U 9 10 F 127-18-4 6 IV 40993 BH40208AE TETRACHLOROETHENE 31 31:F7 127-18-4 6 6 ug/Kg (U īV BH40051AE 41193 6 6FI TETRACHLOROETHENE 127-18-4 5 2 ug/Kg |J IA 41193 BH40053AE 10 10 FT TETRACHLOROETHENE 127-18-4 7 4 ug/Kg |J A 41293 BH40198AE 6 6 FT TETRACHLOROFTHENE 127-18-4 6 6 ug/Kg U W BH40216AE 41593 TETRACHLOROFTHENE 6 ug/Kg U 7 8 FT 127-18-4 6 IV 41693 BH40219AF 6 6 FT TETRACHI OROETHENE 127-18-4 7 ug/Kg |U īv 41693 BH40221AE 10 10 FT TETRACHI OROETHENE 127-18-4 6 6 ug/Kg U ĪV 41693 BH402234F 17 17 F TETRACHLOROETHENE 127-18-4 6 ug/Kg | U 41993 BH400664E 10 10 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 42093 RH40104AF 6 6 F1 TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U īV 42193 BH40437AE 6 6 FT TETRACHLOROETHENE 127-18-4 5 5 ug/Kg |U īV 42193 BH40090AE 10 10 F TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U īV 42293 BH40255AE 8 F1 TETRACHLOROETHENE 127-18-4 5 5 ug/Kg (U ī.J 42293 BH40257AF 11 11 FT TETRACHLOROETHENE 1127-18-4 6 6 ug/Kg U IJ 42393 BH40263AE 6 FT 5 ug/Kg U 6 TETRACHLOROETHENE 127-18-4 IV 42893 BH40265AF 10 TETRACHI OROETHENE 10 FT 127-18-4 6 5 ug/Kg J IA 42493 BH40289AF 10 10 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 42593 BH402944F 10 10 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 42993 BH40142AF 0 10 F TETRACHLOROETHENE 127-18-4 IV 7 ug/Kg U 42993 RH401474F 14 14 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 6 IV 43193 BH40308AE 6 6|F **TETRACHLOROETHENE** 127-18-4 5 ug/Kg U ĺ۷ 43393 BH40331AE a 9 F TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U īV BH40323AE 43493 10 10 F1 TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U īv 6 FT 43693 BH40342AF 6 TETRACHLOROETHENE 127-18-4 5 5 ug/Kg | U 43693 BH40344AE TETRACHLOROETHENE 9 10 FT 127-18-4 5 5 ug/Kg U īV 43693 BH40347AE 13 TETRACHI OROETHENE 13 FT 127-18-4 ñ 6 ug/Kg U iv 43793 BH40336AF 9 9 FT TETRACHLOROETHENE 127-18-4 5 5 ug/Kg U V 43793 BH40339AF 14 14 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 43893 RH40072AF 6 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U V 43893 BH40076AE 9 9 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U IV 43893 BH40074AE TETRACHLOROETHENE 12 13 FT 127-18-4 î٧ 5 ug/Kg | U 43893 BH40077AE 15 TETRACHLOROETHENE 127-18-4 31 31 ug/Kg U IV 43993 BH40360AE 16 17 FT TETRACHLOROETHENE 127-18-4 7 7iug/Kg U W 44093 BH40350AE 6 FT 6 TETRACHLOROFTHENE 127-18-4 6 6 ug/Kg U ÍΫ 44093 BH40352AE 14 15 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U ١V 44393 BH40037AE 1127-18-4 10 10 FT TETRACHLOROFTHENE 6 6 ug/Kg | U 44593 BH40004AF 10 10 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 44593 BH40006AF 14 14 FT TETRACHLOROETHENE 127-18-4 5 6 ug/Kg U īV 44893 RH401894F 6 6!FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U īV 44893 BH40192AE 7 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U V 44893 BH40195AE 12 12 F7 TETRACHLOROETHENE 127-18-4 6 2 ug/Kg iJ A 44893 BH40194AE TETRACHLOROETHENE 16 16 FT 127-18-4 6 5 ug/Kg J TA 45693 BH40373AE 9 9.FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg |U īv 45893 BH40381AE 10 FT TETRACHLOROETHENE 9 127-18-4 5 5 ug/Kg |U iV 46193 BH40387AE TETRACHLOROETHENE 8 8 FT 127-18-4 6 6 ug/Kg U IV 46593 BH40704AE 6 7 FT TETRACHLOROETHENE 127-18-4 5 6 ug/Kg |U 46593 BH40712AF 10 10 FT TETRACHLOROFTHENE 127-18-4 5 6 ug/Kg U 46693 BH40719AF 6 6:FT TETRACHLOROETHENE 6 ug/Kg |U 127-18-4 5 IJ 15 FT 46693 BH40727AF 14 TETRACHLOROETHENE 127-18-4 6 ug/Kg |U 46793 BH40733AE 6 6 F TETRACHLOROETHENE 127-18-4 5 6 ug/Kg | U V 46793 BH40741AF TETRACHLOROETHENE 127-18-4 8 8|F] 5 6 ug/Kg | U IV 46893 BH40747AE 6 6 FT **TETRACHLOROETHENE** 127-18-4 5 6 ug/Kg |U V 46893 BH40750AE 10 10 FT TETRACHLOROETHENE 127-18-4 5 5 ug/Kg U 46893 BH40755AE 12 TETRACHLOROETHENE 12 FT 127-18-4 51 6 ug/Kg |U W 46993 BH40769AE 7 7 FT ITETRACHLOROETHENE 127-18-4 5 6 ug/Kg U P208989 SEP1789BR0810 9 11 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U īV P208989 SEP1789BR1214 13 15 FT TETRACHI OROETHENE 127-18-4 6 6 ug/Kg U P208989 SEP1789BR1618 17 19 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg |U P209189 SEP1989BR0810 8 10 FT TETRACHLOROETHENE 127-18-4 5|ug/Kg |U P209189 SEP1989BR1214 12 14 FT TETRACHLOROETHENE 127-18-4 6 ug/Kg U 6 īV P209189 SEP1989BR1618 16 18 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg |U 10 SEP1989BR2021 P209189 TETRACHLOROETHENE 20 21|F1 127-18-4 6 6 ug/Kg U P209189 SEP1989BR2223 22 23 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg U TV SEP2289BR0810 8 10 FT TETRACHLOROETHENE 127-18-4 6 6 ug/Kg |U



| | 255 | | | | Ponds AOC - Analytical Results for Su | l January | | Fe 4 301 | 1 | | |
|-----------------|--------------------------------|----------------------------|----------|---------------------------------------|--|----------------------|------------|-------------|----------------|-------------|--|
| LOCATION | | DEPTH | DEPTH | UNIT | | 1.9 . 52 | DETECTION | | 1 | RESULT | VALIDATION |
| | SAMPLE NUMBER | Service and the service of | | CODE | Analyte | CAS NO | LIMIT | | UNITS | QUALIFIER | QUALIFIER |
| | SEP2289BR1618 SEP2289BR2022 | 16 20 | | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 127-18-4 | 6 | | ug/Kg ug/Kg | | V |
| | SEP2689BR0810 | 8 | | | | 127-18-4 | 6 | | ug/Kg | | V |
| | SEP2689BR1214 | 12 | | | | 127-18-4 | 6 | | ug/Kg | U | V |
| | SEP3089BR0810 | 9 | | | | 127-18-4 | 690 | | ug/Kg | | V |
| | SEP3089BR1214 SEP3089BR1618 | 13 17 | | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 127-18-4 | 610 690 | | ug/Kg ug/Kg | | V V |
| | SEP3089BR2022 | 21 | | | TETRACHLOROETHENE | 127-18-4 | 690 | | ug/Kg | | v |
| | SEP3089BR2426 | 25 | | | TETRACHLOROETHENE | 127-18-4 | 740 | 740 | ug/Kg | U | IV |
| | SEP3189BR0810 | 8 | | | | 127-18-4 | 6 | | ug/Kg | | V |
| ~ - | SEP3189BR1214 SEP3189BR1618 | 12 16 | | FT FT | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 127-18-4 | 6 | · | ug/Kg ug/Kg | | V |
| | BH00065AE | 10 | | | | 108-88-3 | 6 | | ug/Kg | | v |
| | BH00068AE | 6) | | | | 108-88-3 | 6 | | ug/Kg | | V |
| | BH00070AE | 10 | | | TOLUENE | 108-88-3 | 6 | | ug/Kg | | V |
| | BH00085AE BH00078AE | 14) 6 | | | TOLUENE TOLUENE | 108-88-3 | 6 | | ug/Kg | | V |
| | BH00080AE | 8 | | | TOLUENE | 108-88-3 | 6 | | ug/Kg ug/Kg | | V V |
| 40093 | BH40171AE | 10 | | | TOLUENE | 108-88-3 | 30 | | ug/Kg | • | v |
| | BH40120AE | 6 | | | TOLUENE | 108-88-3 | 6 | 56 | ug/Kg | | V |
| | BH40120AE BH40125AE | 6 6 | | | TOLUENE TOLUENE | 108-88-3 108-88-3 | 6 | | ug/Kg | | V |
| ~~~~ | BH40125AE | 6 | | | TOLUENE | 108-88-3 | 6 | | ug/Kg ug/Kg | <u> </u> | V |
| | BH40161AE | 10 | | | TOLUENE | 108-88-3 | 6 | | ug/Kg | 1 | V |
| | BH40029AE | 7 | | | TOLUENE | 108-88-3 | 5 | 220 | ug/Kg | 1 | V |
| | BH40205AE | 9 | | | TOLUENE | 108-88-3 | 6 | | ug/Kg | 1 | V |
| | BH40208AE BH40051AE | 31 <u>]</u> | | | TOLUENE TOLUENE | 108-88-3 108-88-3 | 6 5 | | ug/Kg ug/Kg | | V V |
| | BH40053AE | 10 | | | TOLUENE | 108-88-3 | 7 | | ug/Kg | | V |
| | BH40198AE | 6 | | | TOLUENE | 108-88-3 | 6 | 100 | ug/Kg | | V |
| | BH40216AE | 7 | | | TOLUENE | 108-88-3 | 6 | | ug/Kg | | V |
| | BH40219AE BH40221AE | 6 10 | | | TOLUENE TOLUENE | 108-88-3 108-88-3 | 7 6 | | ug/Kg ug/Kg | | V V |
| | BH40223AE | 17 | 17 | | TOLUENE | 108-88-3 | 6 | | ug/Kg | | v · |
| | BH40066AE | 10 | 10 | | TOLUENE | 108-88-3 | 6 | | ug/Kg | | v . |
| | BH40104AE | 6 | | | | 108-88-3 | 6 | | ug/Kg | <u> </u> | V |
| | BH40437AE BH40090AE | 6 10 | | | TOLUENE TOLUENE | 108-88-3 108-88-3 | 5 | | ug/Kg | <u>`</u> | V |
| | BH40255AE | 7 | | | TOLUENE | 108-88-3 | 6 5 | | ug/Kg ug/Kg | |) V |
| | BH40257AE | 11 | 11 | | TOLUENE | 108-88-3 | 6 | | ug/Kg | | J |
| | BH40263AE | 6 | I | | | 108-88-3 | 5 | | ug/Kg | | V |
| | BH40265AE BH40289AE | 10, 10, | 10 10 | · · · · · · · · · · · · · · · · · · · | TOLUENE TOLUENE | 108-88-3 108-88-3 | 6 6 | | ug/Kg | · | V V |
| | BH40294AE | 10 | 10 | | | 108-88-3 | 6 | | ug/Kg ug/Kg | | V |
| 42993 | BH40142AE . | 9 | 10 | FT | | 108-88-3 | 7 | | ug/Kg | | V |
| | BH40147AE | 14 | 14 | | TOLUENE | 108-88-3 | 6 | | ug/Kg | | V |
| | BH40308AE BH40331AE | 6 <u> </u> | | | TOLUENE TOLUENE | 108-88-3 108-88-3 | 5, 6 | | ug/Kg | · | A V |
| | BH40323AE | 10 | 10 | | TOLUENE | 108-88-3 | 6 | | ug/Kg ug/Kg | | <u>v</u> |
| | BH40342AE | 6 | 6 | FT | TOLUENE | 108-88-3 | 5 | | ug/Kg | 1 | V |
| | BH40344AE | 9 | 10 | | | 108-88-3 | 5 | | ug/Kg | | V |
| | BH40347AE BH40336AE | 13 9 | 13 | | | 108-88-3 108-88-3 | 6 5 | | ug/Kg ug/Kg | | V A |
| | BH40339AE | 14 | 14 | | | 108-88-3 | 6 | | ug/Kg | | Ŷ |
| 43893 | BH40072AE | 6 | 6 | FT | TOLUENE | 108-88-3 | 6 | 21 | ug/Kg | | V |
| | BH40076AE | 9 | | | | 108-88-3 | 6 | | ug/Kg | | V |
| | BH40074AE BH40077AE | 12 15 | 13 15 | | | 108-88-3 108-88-3 | 5 31 | | ug/Kg ug/Kg | | V V |
| | BH40360AE | 16 | 17 | | | 108-88-3 | 7 | | ug/Kg ug/Kg | | V |
| 44093 | BH40350AE | 6 | 6 | FT | TOLUENE | 108-88-3 | 6 | | ug/Kg | | V |
| | BH40352AE | 14 | 15 | | | 108-88-3 | 6 | | ug/Kg | | V |
| | BH40037AE BH40004AE | 10 10 | 10 10 | | | 108-88-3 108-88-3 | 6. | | ug/Kg | | v v |
| | BH4000AE | 14 | 14 | | | 108-88-3 | `5 | | ug/Kg ug/Kg | | v v |
| 44893 | BH40189AE | 6; | 6 | FT : | TOLUENE | 108-88-3 | 6 | | ug/Kg | i | V |
| | BH40192AE (| 7 | | | | 108-88-3 | 6 | | ug/Kg | | V |
| | BH40195AE BH40194AE | 12 | 12 16 | | | 108-88-3 108-88-3 | 6 | | ug/Kg | | V |
| | BH40373AE | 9 | | | | 108-88-3 | 6 6 | | ug/Kg ug/Kg | | V V |
| 45893 | BH40381AE | 9 | 10 | FT | | 108-88-3 | 5 | | ug/Kg | | V |
| | BH40387AE | 8 | | | TOLUENE | 108-88-3 | 6 | 72 | ug/Kg | | V |
| | BH40704AE BH40712AE | 6 10 | 10 | | | 108-88-3 108-88-3 | 5 | | ug/Kg | | V |
| | BH40719AE | 6 | | | | 108-88-3 | 5 5 | | ug/Kg ug/Kg | | J J |
| " | BH40727AE | 14 | | | | 108-88-3 | 5 | | ug/Kg | | v |

| - | | e A.10 Sc | otar Evap | oration (| Ponds AO | C - Analytical Results for | | s Greater Than | | Organics | | |
|----------------|--------------------------------|-----------|------------------------------|--------------|----------|--|------------------------|----------------|------------------------------|----------------|--|------------|
| | | ~8 | | * | 12. | | | DC-T-07:01 | | 1.33 | LAB | VALIDATION |
| LOCATION | SAMPLE NUMBER | | DEPTH | CODE | 4 | Analyte | CAS NO | DETECTION | DESINT | HINITS | RESULT | QUALIFIER |
| 46793 | BH40733AE | 6 | To any Security Designations | | TOLUENE | | 108-88-3 | 5 | · contemporario programmento | ug/Kg | - Harrison State of the State o | V |
| | BH40741AE | 8 | | <u> </u> | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | V |
| | BH40747AE | 6 | | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | V |
| | BH40750AE | 10 | | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | V |
| | BH40755AE | 12 | 12 | FT | TOLUENE | | 108-88-3 | 5 | 59 | ug/Kg | | V |
| | BH40769AE | 7 | | | TOLUENE | | 108-88-3 | 5 | | ug/Kg | | V |
| | SEP1789BR0810 | 9 | | <u> </u> | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| | SEP1789BR1214 | 13 | | | TOLUENE | | 108-88-3 | 6 | | | | IV. |
| | SEP1789BR1618 | 17 | | | TOLUENE | | 108-88-3 | 5 | | ug/Kg ug/Kg | U | V |
| | SEP1989BR0810 SEP1989BR1214 | 12 | | | TOLUENE | | 108-88-3 | 6 | | | | V |
| | SEP1989BR1618 | 16 | | | TOLUENE | | 108-88-3 | 6 | | | | V |
| | SEP1989BR2021 | 20 | | | TOLUENE | | 108-88-3 | 6 | | | | V |
| | SEP1989BR2223 | 22 | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | U | V |
| P209489 | SEP2289BR0810 | 8 | 10 | FT | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| P209489 | SEP2289BR1618 | 16 | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | <u> </u> | V |
| | SEP2289BR2022 | 20 | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| | SEP2689BR0810 | 8 | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| | SEP2689BR1214 | 12 | | | TOLUENE | ······································ | 108-88-3 | 6 | | ug/Kg | | IV . |
| | SEP3089BR0810 | 9 | | | TOLUENE | | 108-88-3 | 690 610 | | ug/Kg ug/Kg | | IV . |
| | SEP3089BR1214 SEP3089BR1618 | 13 17 | | | TOLUENE | | 108-88-3 | 690 | | ug/Kg | | IV |
| | SEP3089BR2022 | 21 | ···· | | TOLUENE | | 108-88-3 | 690 | <u></u> | ug/Kg | S | A |
| | SEP3089BR2426 | 25 | · | | TOLUENE | | 108-88-3 | 740 | | ug/Kg | | ίν . |
| | SEP3189BR0810 | 8 | <i>/</i> | | TOLUENE | | 108-88-3 | 6 | <u></u> | ug/Kg | | V |
| | SEP3189BR1214 | 12 | | | TOLUENE | | 108-88-3 | 6 | | ug/Kg | | V |
| P210289 | SEP3189BR1618 | 16 | 18 | FT | TOLUENE | | 108-88-3 | 6 | 6 | ug/Kg | U | V |
| | BH40086AE | 10 | | | TOXAPHE | | 8001-35-2 | 200 | | | | V |
| | BH40091AE | 16 | | | TOXAPHE | | 8001-35-2 | 200 | | | | IV . |
| | BH40430AE | 22 | | | TOXAPHE | | 8001-35-2 | 190 | | | | V |
| | BH40433AE | 28 | | | TOXAPHE | | 8001-35-2 | 190 | | ug/Kg | | (V |
| | BH40256AE BH40258AE | 11 | | | TOXAPHE | | 8001-35-2 8001-35-2 | 190 | | ug/Kg ug/Kg | 1 | V |
| | BH40450AE | 8 | | | TOXAPHE | | 8001-35-2 | 180 | | ug/Kg | | V |
| | BH40290AE | 10 | | | TOXAPHE | ·· | 8001-35-2 | 190 | | | | J |
| 43393 | BH40324AE | 8 | · | | TOXAPHE | | 8001-35-2 | 190 | | | | īv |
| | BH40713AE | 11 | | | TOXAPHE | NE | 8001-35-2 | 160 | | ug/Kg | U | V |
| 46693 | BH40728AE | 9 | 15 | FT | TOXAPHE | :NE | 8001-35-2 | 160 | 190 | ug/Kg | U | ÍV |
| | BH40742AE | 8 | | | TOXAPHE | | 8001-35-2 | 160 | | ug/Kg | | IV |
| 46893 | BH40807AE | 6 | | | TOXAPHE | | 8001-35-2 | 160 | | | | {V |
| | BH40770AE | 7 | | | TOXAPHE | | 8001-35-2 | 160 | | ug/Kg | | IV |
| | BH00065AE | 10 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | | V |
| Q5193 Q5193 | BH00068AE BH00070AE | 10 | | | | 3-DICHLOROPROPENE 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg ug/Kg | | IV |
| | BH00085AE | 14 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | · | V |
| | BH00078AE | 6 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | | v |
| 05393 | BH00080AE | 8 | | <u> </u> | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | U | V |
| | BH40171AE | 10 | 10 | FT | TRANS-1 | 3-DICHLOROPROPENE | 10061-02-6 | 30 | | | U | V |
| 40293 | BH40120AE | 6 | S; 6 | FT | TRANS-1 | 3-DICHLOROPROPENE | 10061-02-6 | 6 | 6 | ug/Kg | U | IV . |
| | BH40120AE | 6 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | | ĮV . |
| 40393 | BH40125AE | 6 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | | V |
| | BH40125AE BH40161AE | 10 | | | | 3-DICHLOROPROPENE 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg ug/Kg | | V |
| | BH40029AE | 7 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 5 | | ug/Kg | | V |
| | BH40029AE | 9 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | | IV |
| | BH40208AE | 31 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | | V |
| | BH40051AE | 6 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 5 | | | | V |
| | BH40053AE | 10 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 7 | | | | lv - |
| 41293 | BH40198AE | 6 | 6 | FT | TRANS-1 | 3-DICHLOROPROPENE | 10061-02-6 | 6 | 6 | ug/Kg | U | V |
| | BH40216AE | 7 | 8 | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | | V |
| | BH40219AE | 6 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 7 | | ug/Kg | | V |
| | BH40221AE | 10 | | · | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | | V |
| | BH40223AE | 17 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | | V |
| | BH40066AE BH40104AE | 10 | | | | 3-DICHLOROPROPENE 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg ug/Kg | | V V |
| | BH40437AE | 6 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 5 | | | | V |
| | BH40437AE | 10 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | | | IV |
| | BH40255AE | 7 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 5 | | | | J |
| | BH40257AE | 11 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | 6 | ug/Kg | | j. |
| 42393 | BH40263AE | 6 | 6 | FT | TRANS-1 | 3-DICHLOROPROPENE | 10061-02-6 | 5 | 5 | ug/Kg | Ú | V |
| | BH40265AE | 10 | · | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | 6 | ug/Kg | U | V |
| 42493 | BH40289AE | 10 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 6 | | ug/Kg | | V |
| 42593 | BH40294AE | 10 | | | | 3-DICHLOROPROPENE | 10061-02-6 | <u> 6</u> | | ug/Kg | | V |
| | BH40142AE | 9 | | | | 3-DICHLOROPROPENE | 10061-02-6 | 7 | | ug/Kg | <u> </u> | V |
| 42993 | BH40147AE | 14 | i; 14 | FT | IKANS-1 | 3-DICHLOROPROPENE | 10061-02-6 | 6 | / 6 | ug/Kg | U | V |

| | Table | e A.10 So | lar Evapo | ration I | onds AOC - Ar | alytical Results | for Su | surface Soils | Greater Than | 6 Feet - Organics | | |
|----------------|----------------------------------|-----------|--------------|-------------------|-------------------------------|----------------------------|-------------|--------------------------|--------------|---|--|--------------|
| LOCATION | | DEPTH | DEPTH | UNIT | | | | | DETECTION | 1 112 | LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | | CODE | | Analyte | | CAS NO | LIMIT | E (Salan) i mandri kara, nggi k K (man, na pangapatanga k | QUALIFIER | |
| 43193 43393 | BH40308AE BH40331AE | 9 | | | | HLOROPROPE | | 10061-02-6 10061-02-6 | 5 | | | V V |
| | BH40323AE | 10 | · | | | HLOROPROPE | | 10061-02-6 | 6 | | | v . |
| 43693 | BH40342AE | 6 | | | | HLOROPROPE | | 10061-02-6 10061-02-6 | 5 | | | V |
| | BH40344AE BH40347AE | 9 13 | | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 | 5 6 | | | V |
| 43793 | BH40336AE | 9 | | | | HLOROPROPE | | 10061-02-6 | 5 | 5 ug/Kg | | V |
| | BH40339AE BH40072AE | 14 6 | | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 | 6 | | | V V |
| 43893 | BH40076AE | 9 | 9 | -1 | TRANS-1,3-DIC | HLOROPROPE | VE | 10061-02-6 | . 6 | 6 ug/Kg | U | V |
| 43893 43893 | BH40074AE BH40077AE | 12 15 | | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 10061-02-6 | 5 31 | | | V V |
| | BH40360AE | 16 | | | | HLOROPROPE | | 10061-02-6 | 7 | | | V |
| | BH40350AE | 6 | | | | HLOROPROPE | | 10061-02-6 | 6 | | | V |
| | BH40352AE BH40037AE | 14 10 | | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 10061-02-6 | 6 | | | V V |
| | BH40004AE | 10 | | | ····· | HLOROPROPE | | 10061-02-6 | 5 | | | V |
| | BH40006AE | .14 | | | | HLOROPROPE | | 10061-02-6 | 5 | | | V |
| | BH40189AE BH40192AE | , 6 7 | L | | | HLOROPROPEI HLOROPROPEI | i | 10061-02-6 10061-02-6 | 6 | | | V V |
| 44893 | BH40195AE | 12 | 12 | FT j | TRANS-1,3-DIC | HLOROPROPE | ٧E | 10061-02-6 | 6 | 6 ug/Kg | U | V |
| | BH40194AE BH40373AE | 16 9 | 16 I | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 | 6 6 | | | V I |
| | BH40381AE | 9 | | | | HLOROPROPE | | 10061-02-6 | 5 | | | V |
| | BH40387AE | 8 | | | | HLOROPROPE | | 10061-02-6 | 6 | 6 ug/Kg | U | V |
| <u></u> | BH40704AE BH40712AE | 6 10 | | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 10061-02-6 | 5 5 | | | V V |
| | BH40719AE | 6 | | | | HLOROPROPE | | 10061-02-6 | 5 | | | J |
| | BH40727AE | 14 | | | | HLOROPROPE | | 10061-02-6 | . 5 | | | V |
| | BH40733AE BH40741AE | 6 8 | | | | HLOROPROPE! | | 10061-02-6 10061-02-6 | 5 5 | | | V V |
| | BH40747AE | 6 | | | | HLOROPROPE | | 10061-02-6 | 5 | | | V |
| | BH40750AE | 10 | | | | HLOROPROPE | | 10061-02-6 | 5 | | | V |
| | BH40755AE BH40769AE | 12 7 | 12 i | | | HLOROPROPE! HLOROPROPE! | | 10061-02-6 | 5 5 | | | V |
| | SEP1789BR0810 | 9 | | | | HLOROPROPE | | 10061-02-6 | 6 | | | V |
| | SEP1789BR1214 | 13 | | | | HLOROPROPE | | 10061-02-6 | 6 | | | V |
| | SEP1789BR1618 SEP1989BR0810 | 17 8 | 19 i 10 i | | | HLOROPROPE! HLOROPROPE! | | 10061-02-6 | 6 5 | | ······································ | V V |
| P209189 | SEP1989BR1214 | 12 | | -T | TRANS-1,3-DIC | HLOROPROPE | ٧E | 10061-02-6 | 6 | 6 ug/Kg | U | V |
| | SEP1989BR1618 SEP1989BR2021 | 16 20 | 18 I | ······· | | HLOROPROPE! HLOROPROPE! | | 10061-02-6 10061-02-6 | 6 | | | V V |
| | SEP1989BR2223 | 22 | 23 | | | HLOROPROPE | | 10061-02-6 | 6 | | | V |
| | SEP2289BR0810 | 8 | 10 | | | HLOROPROPE | | 10061-02-6 | 6 | 6 ug/Kg | U į | V |
| | SEP2289BR1618 SEP2289BR2022 | 16 20 | 18 | | | HLOROPROPEI HLOROPROPEI | | 10061-02-6 | 6 | | | V V |
| | SEP2689BR0810 | 8 | | | | HLOROPROPE | | 10061-02-6 | 6 | <u></u> | | v |
| | SEP2689BR1214 | 12 | | | | HLOROPROPE | | 10061-02-6 | 6 | | | V |
| | SEP3089BR0810 SEP3089BR1214 | 9 13 | | ~ ~~~~ | | HLOROPROPE! HLOROPROPE! | | 10061-02-6 | 690 610 | | | V . |
| P210189 | SEP3089BR1618 | 17 | 19 F | -1 | TRANS-1,3-DIC | HLOROPROPE | ۱E ; | 10061-02-6 | 690 | 690 ug/Kg | U | V |
| | SEP3089BR2022 SEP3089BR2426 | 21) 25 | | | | HLOROPROPE! HLOROPROPE! | | 10061-02-6 10061-02-6 | 690 740 | | | V |
| | SEP3189BR0810 | 8 | | | | HLOROPROPE | | 10061-02-6 | 740 | | | V V |
| | SEP3189BR1214 | 12 | | | | HLOROPROPE | | 10061-02-6 | 6 | 6 ug/Kg | U | V |
| | SEP3189BR1618 BH40086AE | 16 10 | 18 F | | TRANS-1,3-DIC TRIBUTYL PHC | HLOROPROPE! | | 10061-02-6 126-73-8 | 6 410 | | | V V |
| | BH40091AE | 16 | 22 F | -1 | TRIBUTYL PHO | SPHATE | | 126-73-8 | 410 | | | V |
| | BH40430AE | 22 | 28 F | | TRIBUTYL PHO | | | 126-73-8 | 400 | | Ū | V |
| | BH40433AE BH40450AE | 28 8 | 31 F 10 F | | TRIBUTYL PHO TRIBUTYL PHO | | | 126-73-8 126-73-8 | 400 380 | | | V V |
| 42593 | BH40290AE | 10 | 17,5 | - T | TRIBUTYL PHO | SPHATE | | 126-73-8 | 390 | 390 ug/Kg | U ! | J |
| | BH00078AE | 6 8 | | | VINYL ACETAT | | | 108-05-4 | 12 | | | V |
| | BH00080AE BH40171AE | 10 | | | VINYL ACETAT VINYL ACETAT | | | 108-05-4 108-05-4 | 12 61 | | | V |
| 40293 | BH40120AE | 6 | 6 F | -T | VINYL ACETAT | E | | 108-05-4 | 12 | 12 ug/Kg | U | V |
| | BH40120AE BH40125AE | 6 | | | VINYL ACETAT VINYL ACETAT | | | 108-05-4 108-05-4 | 12 12 | | | V |
| 40393 | BH40125AE | 6 | 6 6 | | VINYL ACETAT | | | 108-05-4 | 12 | | | V |
| | BH40161AE | 10 | | | VINYL ACETAT | | | 108-05-4 | 12 | 12 ug/Kg | U | V |
| | BH40029AE BH40205AE | 7 9 | 7 F 10 F | | VINYL ACETAT VINYL ACETAT | | | 108-05-4 108-05-4 | 10 11 | | | V V |
| 40993 | BH40208AE | 31 | 31 F | -T | VINYL ACETAT | | | 108-05-4 | 12 | 12 ug/Kg | U | V |
| | BH40051AE | 6 10 | 6 F | | VINYL ACETAT | | | 108-05-4 | 11 | | | V |
| +1150 | BH40053AE | 10 | 10 F | - 1 | VINYL ACETAT | 5 | | 108-05-4 | 13 | 13 ug/Kg | <u> </u> | V |

| LOCATION | | DEPTH | DEPTH | UNIT | | | DETECTION | • | | LAB RESULT | VALIDATION |
|-------------|----------------------------------|-----------|----------|-------------|-----------------------------|----------------------|------------|------|----------------------|---------------|--------------|
| CODE | SAMPLE NUMBER | START | END | CODE | Analyte | CAS NO | LIMIT | | | QUALIFIER | QUALIFIER |
| | BH40198AE BH40216AE | 6 | | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg 2 ug/Kg | | V V |
| | BH40219AE | 6 | | | VINYL ACETATE | 108-05-4 | 14 | | 4 ug/Kg | | V |
| 41693 | BH40221AE | 10 | | | VINYL ACETATE | 108-05-4 | 11 | | 1 ug/Kg | | V |
| | BH40223AE | 17 | | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | IV |
| | BH40066AE BH40104AE | 10 | | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 12 | | 2 ug/Kg 2 ug/Kg | | IV IV |
| | BH40437AE | 6 | | | VINYL ACETATE | 108-05-4 | 11 | | | U | v |
| | BH40090AE | 10 | | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | V |
| | BH40255AE | 7 | | | VINYL ACETATE | 108-05-4 | 10 | | ug/Kg | | J |
| | BH40257AE BH40263AE | 11 | | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 10 | | 2 ug/Kg 0 ug/Kg | | V |
| | BH40265AE | 10 | | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | v |
| | BH40289AE | 10 | | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | V |
| | BH40294AE BH40142AE | 10 9 | 10 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 13 | | 2 ug/Kg 3 ug/Kg | U | V V |
| | BH40147AE | 14 | | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | V |
| | BH40308AE | 6 | | | VINYL ACETATE | 108-05-4 | 10 | | ug/Kg | | v |
| | BH40331AE | 9, | | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | V. |
| | BH40323AE | 10, | 10 | | VINYL ACETATE | 108-05-4 | 11 | | 1 ug/Kg | | IV IV |
| | BH40342AE BH40344AE | 6, 9, | | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 11 | | 1 ug/Kg 1 ug/Kg | | <u>v</u> |
| | BH40347AE | 13 | 13 | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | U | V |
| <u> </u> | BH40336AE | 9 | | | VINYL ACETATE | 108-05-4 | 11 | | | | V |
| | BH40339AE BH40072AE | 14 6 | | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg 1 ug/Kg | | V V |
| | BH40076AE | 9 | | | VINYL ACETATE | 108-05-4 | 11 | | | | V |
| 13893 | BH40074AE | 12 | 13 | | VINYL ACETATE | 108-05-4 | 11 | 11 | l ug/Kg | U | V |
| | BH40077AE | 15 | 15 | | VINYL ACETATE | 108-05-4 | 61 | | l ug/Kg | | V |
| | BH40360AE BH40350AE | 16 6 | 17 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 13 11 | | 3 ug/Kg 1 ug/Kg | | V |
| | BH40352AE | 14 | 15 | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | V |
| 14393 | BH40037AE | 10 | 10 | | VINYL ACETATE | 108-05-4 | 13 | 13 | 3 ug/Kg | U | V |
| | BH40004AE | 10 | 10 | | VINYL ACETATE | 108-05-4 | 10 | | l ug/Kg | | V |
| | BH40006AE BH40189AE | 14 6 | 14 | FT | VINYL ACETATE VINYL ACETATE | 108-05-4 | 10 11 | | 3∣ug/Kg I∣ug/Kg | | V V |
| | BH40192AE | 7 | | FT | VINYL ACETATE | 1108-05-4 | 13 | | ug/Kg | | V |
| | BH40195AE | 12 | 12 | FT | VINYL ACETATE | 108-05-4 | 11 | 11 | l ug/Kg | U | V |
| | BH40194AE | 16 | 16 | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | | ٧ |
| | BH40373AE i BH40381AE | 9 | 10 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 11 | | ug/Kg ug/Kg | | V |
| | BH40387AE | 8 | | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | | V |
| | BH40704AE | 6 | | <u>.</u> | VINYL ACETATE | 108-05-4 | 10 | | l ug/Kg | U | V |
| | BH40712AE | 10 | 10 | | VINYL ACETATE | 108-05-4 | 10 | | 2 ug/Kg | | V. |
| | BH40719AE (| 6 14 | 15 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 10 10 | | llug/Kg 2lug/Kg | | V |
| | BH40733AE | 6 | | | VINYL ACETATE | 108-05-4 | 10 | | ug/Kg | | v · |
| | BH40741AE | 8 | | FT | VINYL ACETATE | 108-05-4 | 10 | | ug/Kg | U | V |
| | BH40747AE ; | 6 | | | VINYL ACETATE | 108-05-4 | 10 | | lug/Kg | | V |
| | BH40750AE BH40755AE | 10 12 | 10 | | VINYL ACETATE VINYL ACETATE | 108-05-4 108-05-4 | 10 10 | | ug/Kg ug/Kg | 11 | V V |
| | BH40769AE | 7 | | | VINYL ACETATE | 108-05-4 | 10 | | 3 ug/Kg | | v · |
| | SEP1789BR0810 | 9 | | | VINYL ACETATE | 108-05-4 | 12 | 12 | ug/Kg | U | V |
| | SEP1789BR1214 | 13 | 15 | | VINYL ACETATE | 108-05-4 | 12 | | 2 ug/Kg | | V |
| | SEP1789BR1618 SEP1989BR0810 | 17 | 19 10 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 11 | | lug/Kg | | V V |
| | SEP1989BR1214 | 12 | | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | | v |
| | SEP1989BR1618 | 16 | 18 | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | U | V |
| | SEP1989BR2021 | 20 | 21 | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | | V |
| | SEP1989BR2223 SEP2289BR0810 | 22 8 | 23 10 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 12 12 | | ug/Kg ug/Kg | | V |
| | SEP2289BR1618 | 16 | 18 | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | | V |
| | SEP2289BR2022 | 20 | 22 | FT | VINYL ACETATE | 108-05-4 | 11 | 11 | l ug/Kg | U | V |
| | SEP2689BR0810 SEP2689BR1214 | 8 | 10 | | VINYL ACETATE | 108-05-4 | 13 | | ug/Kg i | | V |
| | SEP3089BR0810 | 12 | 13 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 13 1400 | | ug/Kg | | v v |
| | SEP3089BR1214 | 13 | 14 | | VINYL ACETATE | 108-05-4 | 1200 | | ug/Kg | | v |
| | SEP3089BR1618 | 17 | 19 | FT | VINYL ACETATE | 108-05-4 | . 1400 | 1400 | ug/Kg | U | V |
| | SEP3089BR2022 | 21 | 23 | | VINYL ACETATE | 108-05-4 | 1400 | | ug/Kg | | <u>v</u> |
| ··· | SEP3089BR2426 SEP3189BR0810 | 25j 8j | 27 10 | | VINYL ACETATE VINYL ACETATE | 108-05-4 | 1500 12 | | ug/Kg ug/Kg | | V V |
| | SEP3189BR1214 | 12 | 14 | | VINYL ACETATE | 108-05-4 | 12 | | ug/Kg | | v |
| | SEP3189BR1618 | 16 | 18 | FT | VINYL ACETATE | 108-05-4 | 12 | 12 | ug/Kg | U | V |
| 5093 | BH00065AE | 10 | 10 | | VINYL CHLORIDE | 75-01-4 | 13 | 46 | lug/Kg | | V |

G71

| | Table | e A.10 So | lar Evaporation I | Ponds AOC - Analytical Results for Su | bsurface Soil: | s Greater Than | 6 Feet - Organics | | |
|----------------|--------------------------------|-----------|-------------------|---------------------------------------|--------------------|----------------|---|--|----------------------|
| LOCATION | | | DEPTH UNIT | | | | 77741 | LAB | VALIDATION |
| CODE | SAMPLE NUMBER | | END CODE | Analyte | CAS NO | DETECTION | RESULT UNITS | RESULT QUALIFIER | VALIDATION QUALIFIER |
| 05193 | BH00070AE | 10 | 10 FT | VINYL CHLORIDE | 75-01-4 | 12 | S.N. I va er z bet at water & discourance and & | · an are and all references assessment as the con- | V |
| 05193 | BH00085AE BH00078AE | 14 | | VINYL CHLORIDE | 75-01-4 | 12 | | | V |
| 05393 | BH00076AE | 8 | | VINYL CHLORIDE VINYL CHLORIDE | 75-01-4 75-01-4 | 12 | | | V |
| 40093 | BH40171AE | 10 | | VINYL CHLORIDE | 75-01-4 | 61 | | | v |
| 40293 | BH40120AE | 6 | | VINYL CHLORIDE | 75-01-4 | 12 | 12 ug/Kg | Ū | V |
| 40293 40393 | BH40120AE BH40125AE | 6 | | VINYL CHLORIDE VINYL CHLORIDE | 75-01-4 | 12 | | | V |
| 40393 | BH40125AE | 6 | | VINYL CHLORIDE | 75-01-4 75-01-4 | 12 12 | | | V . |
| 40793 | BH40161AE | 10 | | VINYL CHLORIDE | 75-01-4 | 12 | 1.00 | | v v |
| 40893 | BH40029AE | 7 | | VINYL CHLORIDE | 75-01-4 | 10 | | | V |
| 40993 40993 | BH40205AE BH40208AE | 9 31 | | VINYL CHLORIDE | 75-01-4 | 11 | | | V . |
| 41193 | BH40051AE | 6 | | VINYL CHLORIDE VINYL CHLORIDE | 75-01-4 75-01-4 | 12 11 | | ~ ~~~ | V V |
| 41193 | BH40053AE | 10 | | VINYL CHLORIDE | 75-01-4 | 13 | | | v |
| 41293 | BH40198AE | 6 | | VINYL CHLORIDE | 75-01-4 | 12 | | | V |
| 41593 41693 | BH40216AE BH40219AE | 7 | | | 75-01-4 | 12 | | | V |
| 41693 | BH40219AE | 10 | | | 75-01-4 75-01-4 | 14 11 | 1 3 3 | | V V |
| 41693 | BH40223AE | 17 | | VINYL CHLORIDE | 75-01-4 | 12 | 1-0-0 | | V |
| 41993 | BH40066AE | 10 | | VINYL CHLORIDE | 75-01-4 | 12 | | | V |
| 42093 | BH40104AE | 6 | | VINYL CHLORIDE | 75-01-4 | 12 | | | V |
| 42193 42193 | BH40437AE BH40090AE | 6 10 | | | 75-01-4 75-01-4 | 11 12 | | | V V |
| 42293 | BH40255AE | 7 | | | 75-01-4 | 10 | | | J |
| 42293 | BH40257AE | 11 | . 11 FT | VINYL CHLORIDE | 75-01-4 | 12 | | | j |
| 42393 | BH40263AE | 6 | | | 75-01-4 | 10 | 10 ug/Kg | | V |
| 42393 42493 | BH40265AE BH40289AE | 10 10 | | | 75-01-4 75-01-4 | 12 12 | 12 ug/Kg 12 ug/Kg | | V V |
| 42593 | BH40294AE | 10 | | | 75-01-4 | 12 | | | <u>v</u> |
| 42993 | BH40142AE | 9 | | | 75-01-4 | 13 | 13 ug/Kg | | V |
| 42993 - | BH40147AE | 14 | | | 75-01-4 | 12 | | | V |
| 43193 43393 | BH40308AE BH40331AE | 6 9 | | | 75-01-4 75-01-4 | 10) 12 | 10 ug/Kg | | V |
| 43493 | BH40323AE | 10 | | | 75-01-4 | 11 | | | <u>v</u> |
| 43693 | BH40342AE | 6 | | | 75-01-4 | 11 | | ······································ | v |
| 43693 | BH40344AE | 9 | | | 75-01-4 | 11 | 11 ug/Kg | | V |
| 43693 43793 | BH40347AE BH40336AE | 13 | | ~~ | 75-01-4 75-01-4 | 12 11 | 12 ug/Kg | | V V |
| 43793 | BH40339AE | 14 | | | 75-01-4 | 12 | 11 ug/Kg 12 ug/Kg 1 | | <u>v</u> |
| 43893 | BH40072AE | 6 | | | 75-01-4 | 11 | 11 ug/Kg | | V |
| 43893 | BH40076AE | 9 | | | 75-01-4 | 11 | 11 ug/Kg | | V |
| 43893 43893 | BH40074AE BH40077AE | 12 15 | | | 75-01-4 75-01-4 | 11 61 | 11 ug/Kg | | V V |
| 43993 | BH40360AE | 16 | | | 75-01-4 | 13 | 61 ug/Kg 1 13 ug/Kg 1 | | V |
| 44093 | BH40350AE | 6 | 6FT | | 75-01-4 | 11 | 11 ug/Kg | | <u>v</u> – |
| 44093 | BH40352AE | 14 | | | 75-01-4 | 12 | 12 ug/Kg ji | | V |
| 44393 44593 | BH40037AE BH40004AE | 10 10 | | | 75-01-4 75-01-4 | 13 10 | 13 ug/Kg l | | V |
| 44593 | BH40006AE | 14 | | | 75-01-4 | 10 | 13 ug/Kg 0 | | V |
| | BH40189AE | 6 | 6FT | VINYL CHLORIDE | 75-01-4 | 11 | 11 ug/Kg | ا ا | V |
| | BH40192AE | 7 | | | 75-01-4 | 13 | 13 ug/Kg | | V |
| | BH40195AE BH40194AE | 12 16 | | | 75-01-4 75-01-4 | 11 12 | 11 ug/Kg l 12 ug/Kg l | | V V |
| | BH40373AE | 9 | · | | 75-01-4 | 12 | 12/ug/Kg 0 | | V |
| | BH40381AE | 9 | 10 FT | VINYL CHLORIDE | 75-01-4 | 11 | 11 ug/Kg | J | V |
| | BH40387AE | 8 | | | 75-01-4 | 12 | 12 ug/Kg | | V |
| | BH40704AE BH40712AE | 6 10 | | | 75-01-4 75-01-4 | 10 | 11 ug/Kg l | | V |
| | BH40719AE | 6 | | | 75-01-4 | 10, | 11 ug/Kg | | J |
| | BH40727AE | 14 | 15 FT | VINYL CHLORIDE | 75-01-4 | 10 | 12 ug/Kg | J | V |
| | BH40733AE | 6 | | | 75-01-4 | 10 | 12 ug/Kg | | V |
| | BH40741AE BH40747AE | 8j 6 | | | 75-01-4 75-01-4 | 10 | 12 ug/Kg l | | V V |
| 46893 | BH40750AE | 10 | | | 75-01-4 | 10 | 11 ug/Kg | | V |
| | BH40755AE | 12 | | | 75-01-4 | 10 | 12 ug/Kg | J | V |
| | BH40769AE SEP1789BR0810 i | 7 | | | 75-01-4 | 10 | 13 ug/Kg L | | V |
| | SEP1789BR0810 | 9 | | | 75-01-4 75-01-4 | 12 12 | 12 ug/Kg l | | v v |
| | SEP1789BR1618 | 17 | | | 75-01-4 | 12 | 12 ug/Kg L | | <u>v</u> |
| | SEP1989BR0810 | 8 | 10 FT | VINYL CHLORIDE | 75-01-4 | 11 | 11 ug/Kg l | | Ž |
| | SEP1989BR1214 SEP1989BR1618 | 12 | | | 75-01-4 | 12 | 12 ug/Kg l | | V . |
| | SEP1989BR1618 | 16 20 | | | 75-01-4 75-01-4 | · 12 | 12 ug/Kg l 12 ug/Kg l | | |
| | SEP1989BR2223 | 22 | | | 75-01-4 75-01-4 | 12 | 12 ug/Kg L | | |
| | | | | | | | | | |

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics C LAB UNIT DETECTION LOCATION DEPTH DEPTH RESULT /ALIDATION RESULT UNITS QUALIFIER QUALIFIER CODE SAMPLE NUMBER START | END | CODE Analyte CAS NO LIMIT P209489 SEP2289BR0810 VINYL CHLORIDE 12 ug/Kg |U 10 FT 75-01-4 12 SEP2289BR1618 18 FT VINYL CHLORIDE P209489 16 75-01-4 IV 12 12 ug/Kg U SEP2289BR2022 VINYL CHLORIDE P209489 īv 20 22 FT 75-01-4 111 11 ug/Kg U VINYL CHLORIDE P209889 SEP2689BR0810 8 10 FT 75-01-4 13 13 ug/Kg |U ĺν P209889 SEP2689BR1214 12 13 FT VINYL CHLORIDE 75-01-4 13 13 ug/Kg U IV P210189 SEP3089BR0810 9 9 FT VINYL CHLORIDE 75-01-4 1400 1400 ug/Kg | U V P210189 !SEP3089BR1214 13! 14 FT VINYL CHLORIDE 75-01-4 1200 1200 ug/Kg U īV P210189 SEP3089BR1618 VINYL CHLORIDE 17 19 F 75-01-4 1400 1400 ug/Kg | U SEP3089BR2022 23 FT VINYL CHLORIDE P210189 75-01-4 1400 1400 ug/Kg | U P210189 SEP3089BR2426 VINYL CHLORIDE 25 75-01-4 1500 1500 ug/Kg | U IV VINYL CHLORIDE P210289 SEP3189BR0810 8 10 FT 75-01-4 12 12 ug/Kg |U V P210289 SEP3189BR1214 12 14 FT VINYL CHLORIDE 75-01-4 12 12 ug/Kg | U iV P210289 SEP3189BR1618 VINYL CHLORIDE 18|FT 16 75-01-4 12 12 ug/Kg |U IV 05093 BH00065AE 10 FT XYLENES (TOTAL) 10 1330-20-7 6 6 ug/Kg U V XYLENES (TOTAL) 05193 BH00068AE 6 6 F 1330-20-7 6 6 ug/Kg U iV 05193 BH00070AE 10 10 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U īv 05193 BH00085AF 14 14!F7 XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg |U V 05393 BH00078AF 6 6 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg |U V 05393 IBH00080AF 8 9 FT XYLENES (TOTAL) 1330-20-7 6 ug/Kg U 40093 BH40171AE 10 10 FT XYLENES (TOTAL) 1330-20-7 30 30 ug/Kg U XYLENES (TOTAL) 40293 BH40120AE 6 F 1330-20-7 6 ug/Kg |U 6 40293 BH40120AE 6 6 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg |U IV 40393 BH40125AE 6 6 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U IV 40393 BH40125AE XYLENES (TOTAL) 6 6 FT 1330-20-7 6 6 ug/Kg U iV 40793 BH40161AE 10 FT XYLENES (TOTAL) 10 1330-20-7 6 6 ug/Kg U IV 40893 IBH40029AE 7 7/FT XYLENES (TOTAL) 1330-20-7 5 6 ug/Kg U V 40993 BH40205AE 91 10 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U īv 40993 BH40208AF 31 31/FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U īv 5 ug/Kg U 41193 BH40051AF 6 6 FT XYLENES (TOTAL) 1330-20-7 5 ĬV 41193 BH40053AE 10 10 FT XYLENES (TOTAL) 1330-20-7 7 ug/Kg |U 41293 BH40198AE 6 6 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U 41593 BH40216AE 7 XYLENES (TOTAL) 1330-20-7 81F1 6 6 ug/Kg U BH40219AE XYLENES (TOTAL) 41693 6 1330-20-7 7 ug/Kg U V 41693 BH40221AE 10 10 F XYLENES (TOTAL) 1330-20-7 6 ug/Kg U 6 IV 41693 BH40223AE 17 17 FT XYLENES (TOTAL) 6 11330-20-7 6 ug/Kg U IV 41993 BH40066AE 10 10 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg |U īv BH40104AE 42093 6 FT 6 XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg (U īV 42193 BH40437AE 6 6 FT XYLENES (TOTAL) 1330-20-7 5 5 ug/Kg |U V 42193 BH40090AF 10 10 FT XYLENES (TOTAL) 1330-20-7 6 ug/Kg U ĪV 5 ug/Kg U 42293 BH40255AE 7 8 FT XYLENES (TOTAL) 1330-20-7 IJ 42293 BH40257AE 11 11 F XYLENES (TOTAL) 1330-20-7 6 ug/Kg U 42393 BH40263AF 6 FT XYLENES (TOTAL) 6 1330-20-7 5 ug/Kg U 42393 BH40265AE XYLENES (TOTAL) 10 10 F 1330-20-7 6 ug/Kg U I٧ BH40289AE XYLENES (TOTAL) 42493 10 1330-20-7 6 6 ug/Kg U V 42593 BH40294AE 10 10 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U V 42993 BH40142AE 9 10 FT XYLENES (TOTAL) 1330-20-7 7 ug/Kg |U V XYLENES (TOTAL) 42993 BH40147AE 14 14 FT 1330-20-7 6 6 ug/Kg |U V 43193 BH40308AE 6 F 6 XYLENES (TOTAL) 1330-20-7 5 5 ug/Kg U īV 43393 BH40331AE 9 9 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U IV 43493 BH40323AF 10 10 F XYLENES (TOTAL) 1330-20-7 6 ug/Kg U IV 43693 5 ug/Kg |U BH40342AE 6 6 FT XYLENES (TOTAL) 1330-20-7 43693 BH40344AF ᢆ 10 F XYLENES (TOTAL) 1330-20-7 5 ug/Kg |U IV 13 FT 43693 BH40347AE 13 XYLENES (TOTAL) 1330-20-7 6 ug/Kg U 43793 BH40336AE XYLENES (TOTAL) 5 ug/Kg U 9 9|F 1330-20-7 V BH40339AE XYLENES (TOTAL) 43793 14 FT 1330-20-7 6 6 ug/Kg U IV 43893 BH40072AE 6 6FT XYLENES (TOTAL) 1330-20-7 6 6∣ug/Kg |U iV 43893 BH40076AE 9 FT XYLENES (TOTAL) 9 1330-20-7 6 6 ug/Kg U 43893 BH40074AE XYLENES (TOTAL) 12 13 F I 1330-20-7 5 5 ug/Kg U V 43893 BH40077AE XYLENES (TOTAL) 15 15 FT 1330-20-7 31 31 ug/Kg U ίV 43993 BH40360AE 16 17 FT XYLENES (TOTAL) 1330-20-7 7 ug/Kg U IV 44093 BH40350AF 6 6 F XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U 44093 6 ug/Kg U BH40352AF 14 15/FT XYLENES (TOTAL) 1330-20-7 6 44393 BH40037AF 10 10 FT XYLENES (TOTAL) 1330-20-7 6 ug/Kg U V 44593 BH40004AE 10 10|FT XYLENES (TOTAL) 1330-20-7 6 ug/Kg (U 44593 BH40006AE 14 XYLENES (TOTAL) 14 FT 1330-20-7 6 ug/Kg U XYLENES (TOTAL) 44893 BH40189AE 6 6FT 1330-20-7 6 6 ug/Kg |U V XYLENES (TOTAL) 44893 BH40192AE 1330-20-7 6 6|ug/Kg |U ١V 44893 BH40195AE 12 12 F XYLENES (TOTAL) 1330-20-7 6 ug/Kg U 61 í۷ 44893 BH40194AE 16 16 FT XYLENES (TOTAL) 1330-20-7 6 6 ug/Kg U V XYLENES (TOTAL) 45699 BH40373AE 9 9 F7 1330-20-7 6 ug/Kg U 6 V 45893 BH40381AE 9 10 FT XYLENES (TOTAL) 1330-20-7 5 5 ug/Kg U V 46193 XYLENES (TOTAL) BH40387AE 8 8 FT 1330-20-7 6 ug/Kg U IV 46593 6 ug/Kg |U BH40704AE 6 7 FT XYLENES (TOTAL) 1330-20-7 46593 BH40712AF 10 10 FT XYLENES (TOTAL) 1330-20-7 6 ug/Kg U 46693 IBH40719AE 6 6 FT XYLENES (TOTAL) 1330-20-7 6 ug/Kg U J

| | Table | e A.10 So | lar Evaporation | Ponds AOC - Analytical Results for Su | bsurface Soil | s Greater Than | n 6 Feet - Organics | 3 | |
|--------------------|---------------|-----------|-----------------|---------------------------------------|---------------|--------------------|---------------------|------|-------------------------|
| LOCATION | SAMPLE NUMBER | | DEPTH UNIT | Analyte | CAS NO | DETECTION LIMIT | RESULT UNITS | | VALIDATION QUALIFIER |
| 46693 | BH40727AE | 14 | 15;FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 6 ug/Kg | U | V |
| 46793 | BH40733AE | 6 | 6 FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 6 ug/Kg | U | V |
| 46793 | BH40741AE | 8, | 8 FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 6 ug/Kg | U | V |
| 46893 ⁻ | BH40747AE | 6 | 6 FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 6 ug/Kg | U | V |
| 46893 | BH40750AE | 10 | 10 FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 5 ug/Kg | U | V |
| 46893 | BH40755AE | 12 | 12 FT | XYLENES (TOTAL) | 1330-20-7 | . 5 | 6 ug/Kg | U | V |
| 46993 | BH40769AE | 7 | 7 FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 6 ug/Kg | U | V |
| P208989 | SEP1789BR0810 | 9 | 11 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P208989 | SEP1789BR1214 | 13 | 15 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | iU i | V |
| P208989 | SEP1789BR1618 | 17 | 19 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209189 | SEP1989BR0810 | 8 | 10 FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 5 ug/Kg | U | V |
| P209189 | SEP1989BR1214 | 12 | 14 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209189 | SEP1989BR1618 | 16, | 18 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | υ | V |
| P209189 | SEP1989BR2021 | 20 | 21 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209189 | SEP1989BR2223 | 22 | 23 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209489 | SEP2289BR0810 | 8 | 10 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209489 | SEP2289BR1618 | 16 | 18∣FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209489 | SEP2289BR2022 | 20 | 22 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| P209889 | SEP2689BR0810 | 8 | 10 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |
| | SEP2689BR1214 | 12 | 13 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U I | V |
| P210189 | SEP3089BR0810 | 9 | 9 FT | XYLENES (TOTAL) | 1330-20-7 | 690 | 690 ug/Kg | U | V |
| P210189 | SEP3089BR1214 | 13 | 14 FT | XYLENES (TOTAL) | 1330-20-7 | 610 | 610 ug/Kg | U | V |
| P210189 | SEP3089BR1618 | 17 | 19)FT | XYLENES (TOTAL) | 1330-20-7 | 690 | 690 ug/Kg | U | V |
| | SEP3089BR2022 | 21 | 23\FT | XYLENES (TOTAL) | 1330-20-7 | 690 | 690 ug/Kg | U | V |
| | SEP3089BR2426 | 25 | | XYLENES (TOTAL) | 1330-20-7 | 740 | 740 ug/Kg | | V |
| | SEP3189BR0810 | 8 | | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | | V |
| P210289 | SEP3189BR1214 | 12 | | XYLENES (TOTAL) | 1330-20-7 | 6 | | | V |
| P210289 | SEP3189BR1618 | 16 | 18 FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 ug/Kg | U | V |

| | Table A 44 Col | los E | urotion Dondo Ad | OC - Analytical Results | for Subsurfac | e Sails Greate | Than 6 Fee | et - Radio | onuclides | |
|--------------------|--------------------------------|----------|--|---------------------------------------|--------------------------|--------------------------|--|--------------------|--|---|
| | Table A.11 Sol | ar Evapo | ration Ponds At | JC - Analytical Results | for Subsuriac | e Suis Greate | Illall or ec | 7 | | |
| | | | | | | | | | LAB RESULT | VALIDATION |
| LOCATION | SAMPLE NUMBER | N | DEPTH UNIT | Analyte | CAS NO | DETECTION | RESULT | UNITS | 200 - 6 X W V V V X X X | 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | BH40052AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.002 | 200 - 21 | pCi/g | BJ | 1V |
| 41993 | BH40065AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.01 | | pCi/g | U | Α |
| | BH40073AE | 6 | · | AMERICIUM-241 | 14596-10-2 | 0.002 | | pCi/g | BJ U | A |
| 42193 | BH40086AE | 10 | <u> </u> | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.007 0.004 | | pCi/g pCi/g | U | A |
| 42193 40993 | BH40091AE BH40204AE | 16 6 | | AMERICIUM-241 | 14596-10-2 | 0.017 | | pCi/g | | V |
| 40993 | BH40206AE | 10 | <u> </u> | AMERICIUM-241 | 14596-10-2 | 0.006 | | | U | V |
| 41693 | BH40220AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.002 | | pCi/g | \$ \$ \$ \$ | A |
| 41793 | BH40246AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.015 | 0.069 | pCi/g | <u> </u> | V V |
| 42293 42293 | BH40256AE BH40258AE | 6 11 | å | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.00269614 | 0.002565 | | £ | v |
| 42293 | BH40264AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.002 | | pCi/g | | V |
| 42593 | BH40290AE | 10 | | AMERICIUM-241 | 14596-10-2 | 0.007 | C | | U | Α |
| 43193 | BH40309AE | 6 | Á | AMERICIUM-241 | 14596-10-2 | 0.009 | | ****************** | J | A |
| 43393 | BH40324AE | 8 | | AMERICIUM-241 | 14596-10-2 | 0.012 | | pCi/g pCi/g | U | A |
| 43793 | BH40335AE BH40351AE | 6 6 | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.012 0.002 | 0.072 | ******* | 1 | A |
| 44093 40993 | BH40351AE | 20 | | AMERICIUM-241 | 14596-10-2 | 0.004 | | pCi/g | U | V |
| 40993 | BH40416AE | 31 | £ | AMERICIUM-241 | 14596-10-2 | 0.002 | 0.013 | pCi/g | J | ٧ |
| 41593 | BH40424AE | 6 | 8 FT | AMERICIUM-241 | 14596-10-2 | 0.009 | | pCi/g | U | V |
| 42193 | BH40430AE | 22 | | AMERICIUM-241 | 14596-10-2 | 0.006 | ~~~~ | pCi/g | U | A |
| 42193 | BH40432AE | 28 | .á.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.009 0.007 | | pCi/g pCi/g | U | A |
| 42193 42493 | BH40433AE BH40445AE | 8 | | AMERICIUM-241 | 14596-10-2 | 0.009 | | pCi/g | J | V |
| 42593 | BH40450AE | 8 | | AMERICIUM-241 | 14596-10-2 | 0.006 | 0.003 | pCi/g | U | V |
| 43693 | BH40521AE | 6 | 8FT | AMERICIUM-241 | 14596-10-2 | 0.01 | | pCi/g | U | V |
| 43693 | BH40522AE | | · | AMERICIUM-241 | 14596-10-2 | 0.004 | | pCi/g | J IJ | V V |
| 43693 | BH40525AE | 10 | | AMERICIUM-241 | 14596-10-2 | 0.005 0.0040236 | 0.03336 | pCi/g | <u> </u> | A |
| 46593 46593 | BH40711AE BH40713AE | 11 | | AMERICIUM-241 | 14596-10-2 | 0.00421497 | 0.04278 | · | ``` | A |
| 46693 | BH40726AE | 7 | . | AMERICIUM-241 | 14596-10-2 | 0.00394154 | 0.06828 | | | Α |
| 46693 | BH40728AE | 9 | 15 FT | AMERICIUM-241 | 14596-10-2 | 0.00419568 | 0.03284 | | <u> </u> | A |
| 46793 | BH40740AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.00601519 | 0.00808 | | | V |
| 46793 | BH40742AE | 7 | . A | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.00586567 0.00228808 | 0.01012 0.001691 | | U | V |
| 46893 46893 | BH40748AE BH40749AE | 9 | alaman and a service and a service and a service and a service and a service and a service and a service and a | AMERICIUM-241 | 14596-10-2 | 0.00226551 | 0.00586 | | | V |
| 46893 | BH40754AE | 12 | | AMERICIUM-241 | 14596-10-2 | 0.00415862 | 0.0487€ | | | V |
| 46993 | BH40768AE | 6 | | AMERICIUM-241 | 14596-10-2 | 0.00908553 | | | U | V |
| 46993 | BH40770AE | 7 | | AMERICIUM-241 | 14596-10-2 | 0.0025021 | 0.006472 0.03043 | | <u> </u> | V |
| 47093 | BH40776AE | 15 | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.0060953 0.02 | ., | pCi/g | <u> </u> | |
| P207589 P209089 | SEP0389BR1521 SEP1889BR1218 | 12 | | AMERICIUM-241 | 14596-10-2 | 0.02 | | pCi/g | U | |
| P209089 | SEP1889BR1824 | 18 | | AMERICIUM-241 | 14596-10-2 | 0.02 | (|) pCi/g | U | |
| P209189 | SEP1989BR1016 | 10 | 16 FT | AMERICIUM-241 | 14596-10-2 | 0.01 | | l pCi/g | | |
| P209189 | SEP1989BR1622 | 16 | | AMERICIUM-241 | 14596-10-2 | 0.01 | | opCi/g IpCi/g | <u> </u> | |
| P209489 | SEP2289BR0912 | 12 | ,,3.,, | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.01 | | i pcvg 2 pCi/g | <u> </u> | - |
| P209489 P209489 | SEP2289BR1213 SEP2289BR1416 | 14 | | AMERICIUM-241 | 14596-10-2 | 0.02 | | pCi/g | Ū | |
| P209489 | SEP2289BR1621 | 16 | | AMERICIUM-241 | 14596-10-2 | 0.02 | 0.0 | t pCi/g | U | |
| P209889 | SEP2689BR1016 | 10 | | AMERICIUM-241 | 14596-10-2 | 0.01 | | pCi/g | Ų | |
| P210189 | SEP3089BR0915 | | 15 FT | AMERICIUM-241 | 14596-10-2 | 0.01 | · | 3 pCi/g 1 pCi/q | <u> </u> | <u> </u> |
| P210189 | SEP3089BR1521 | 15 | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | 0.02 | L. | i pCi/g | | 1 |
| P210189 P210289 | SEP3089BR2127 SEP3189BR0713 | 21 | 1] 27 FT 7 13 FT | AMERICIUM-241 | 14596-10-2 | 0.02 | | pCi/g | ĺυ | *************************************** |
| P210289 | SEP3189BR1319 | 13 | 4-\$ | AMERICIUM-241 | 14596-10-2 | 0.02 | | pCi/g | | |
| SP0187 | SP018711DH | 10 | | AMERICIUM-241 | 14596-10-2 | | 0.0 | 5 pCi/g | | N |
| SP0187 | SP018713DH | 13 | | AMERICIUM-241 | 14596-10-2 | | | 4 pCi/g | | N |
| SP0187 | SP018716BR | 15 | | AMERICIUM-241 | 14596-10-2 | 1 | | 7 pCi/g 7 pCi/g | <u> </u> | N N |
| SP0187 | SP018721DH | 20 | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | | | pcvg BpCi/g | <u> </u> | N |
| SP0187 SP0287 | SP018723DH SP028708UC | | 3 24 FT B 10 FT | AMERICIUM-241 | 14596-10-2 | <u> </u> | | 2 pCi/g | 1 | N |
| SP0287 | SP028711CT | 10 | | AMERICIUM-241 | 14596-10-2 | 1 | 0.0 | 1 pCi/g | | N |
| SP0287 | SP028713BR | 1: | 3 15 FT | AMERICIUM-241 | 14596-10-2 | 1 | | 4 pCi/g | <u> </u> | N |
| SP0387 | SP038711DH | 10 | | AMERICIUM-241 | 14596-10-2 | | | 9 pCi/g | <u> </u> | N |
| SP0387 | SP038713CT | 13 | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 | + | | 5 pCi/g 3 pCi/g | | N N |
| SP0387 SP0487 | SP038716BR SP048707DH | 1: | 5 17 FT 7 9 FT | AMERICIUM-241 | 14596-10-2 | | | 6 pCi/g | 1 | N |
| 3F048/ | 13FU40/U/DIT | | <u>r)</u> | · · · · · · · · · · · · · · · · · · · | 1.4000-10-2 | | <u>, </u> | | ·ź~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | *************************************** |

| SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0587 S | SAMPLE NUMBER SP048712DH SP048717DH SP048720DH SP048722DH SP048725DH SP048725DH SP048730DH | Sec. 13. 50 50 50 50 50 50 50 50 50 50 50 50 50 | DEPTH U END C 14 F 20 F | ODE T | Analyte | CAS NO | DETECTION | | | LAB RESULT | VALIDATION |
|--|---|---|--|---|--------------------------------|--------------------------|---|---|--------------------|--|------------|
| CODE SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP05 | SAMPLE NUMBER SP048712DH SP048717DH SP048720DH SP048722DH SP048725DH SP048725DH | DEPTH START 12 17 20 | DEPTH U END C 14 F 20 F | JNIT ODE T | Analyte | CAS NO | | DEC: | | RESULT | |
| CODE SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP0487 SP05 | SAMPLE NUMBER SP048712DH SP048717DH SP048720DH SP048722DH SP048725DH SP048725DH | START 12 17 20 | END C 14 F 20 F | ODE T | Analyte | CAS NO | | 0000 | 1 X 10 X 10 X 10 | | |
| SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0587 S | SP048712DH SP048717DH SP048720DH SP048722DH SP048722DH SP048725DH SP048727DH | 12 17 20 | 14 F 20 F | T | | | A CHAIL S | MESULI | UNITS | QUALIFIER | QUALIFIER |
| SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0587 S | SP048720DH SP048722DH SP048725DH SP048727DH | 20 | | | | 14596-10-2 | | | pCl/g | | N |
| SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0487 S SP0587 S SP0587 S | SP048722DH SP048725DH SP048727DH | | つつ: 二 | | | 14596-10-2 | | | pCi/g | Commence of the contract of th | N |
| SP0487 S SP0487 S SP0487 S SP0487 S SP0587 S SP0587 S | SP048725DH SP048727DH | 22 | | | | 14596-10-2 | | | pCi/g pCi/g | | N N |
| SP0487 S SP0487 S SP0487 S SP0587 S SP0587 S | SP048727DH | 0.4 | | | | 14596-10-2 14596-10-2 | | | pCi/g | | N |
| SP0487 S SP0487 S SP0587 S SP0587 S | | 24 27 | | | | 14596-10-2 | <u> </u> | | pCi/g | · | N |
| SP0487 S SP0587 S SP0587 S | | 30 | | | | 14596-10-2 | | | pCi/g | | N |
| SP0587 S | SP048732DH | 32 | | ~~~~~~ | AMERICIUM-241 | 14596-10-2 | 2 | ······ | pCi/g | | N |
| | SP058707DH | 7 | | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | · · · · · · · · · · · · · · · · · · · | N |
| | SP058710DH | 10 | | | | 14596-10-2 | | ************************************** | pCi/g | .3 | N |
| | SP058712DH | 13 | · | | AMERICIUM-241 | 14596-10-2 14596-10-2 | 1 | | pCi/g pCi/g | | N |
| | SP058716DH SP068708DH | 15 8 | | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 | } | J | pCi/g | | N |
| | SP068711DH | 10 | | | AMERICIUM-241 | 14596-10-2 | <u> </u> | | pCi/g | | N |
| | SP068713DH | 13 | 3 | ************ | AMERICIUM-241 | 14596-10-2 | | 0.08 | pCi/g | | N |
| | SP068716DH | 16 | | Τ | AMERICIUM-241 | 14596-10-2 | 3 | | pCi/g | | N |
| SP0687 S | SP068718DH | 18 | ····· | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| | SP068721DH | 20 | | | AMERICIUM-241 | 14596-10-2 | ļ | Ž.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | pCi/g | 1 | N |
| | SP068724DH | 23 | | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | - | | pCi/g pCi/g | <u> </u> | N |
| | SP068726DH | 26 10 | | | AMERICIUM-241 | 14596-10-2 | } | ,f.,.,, | pCi/g | <u> </u> | N |
| | SP078711DH SP078713DH | 13 | Carrier and Carrie | | AMERICIUM-241 | 14596-10-2 | <u> </u> | | pCi/g | - | N |
| | SP078716DH | 16 | <u></u> | ************* | AMERICIUM-241 | 14596-10-2 | | C | pCi/g | | N |
| | SP078718WT | 18 | 19 F | T | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| | SP078721CT | 20 | | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| | SP078723BR | 23 | | ****** | AMERICIUM-241 | 14596-10-2 | <u></u> | 6 -11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | pCi/g | 1 | N |
| | SP078726DH | 26 | | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 14596-10-2 | <u> </u> | | pCi/g | | N |
| | SP088706CT SP088709BR | 7 | | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| | SP098706CT | 6 | | | AMERICIUM-241 | 14596-10-2 | <u> </u> | | pCi/g | | N |
| | SP098708BR | 8 | | | AMERICIUM-241 | 14596-10-2 | } | , (| pCi/g | | N |
| | SP108707DH | 7 | | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| | SP108709DH | 9 | ······································ | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N N |
| | SP108711DH | 11 | | | AMERICIUM-241 | 14596-10-2 14596-10-2 | | | pCi/g | 3 | N |
| | SP108713DH SP108715DH | 13 15 | | ····· | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 | · · · · · · · · · · · · · · · · · · · | · | 3 pCi/g | - | N |
| | SP108717DH | 17 | | | AMERICIUM-241 | 14596-10-2 | | | 3 pCi/g | - | N |
| | SP108719DH | 19 | | | AMERICIUM-241 | 14596-10-2 | *************************************** | | l pCi/g | | N |
| | SP108721WT | 21 | 23 F | 7 | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| | SP108723DH | 23 | | | AMERICIUM-241 | 14596-10-2 | <u> </u> | | pCi/g | <u> </u> | N |
| | SP108724DH | 24 | | | AMERICIUM-241 | 14596-10-2 | | | 2 pCi/g 3 pCi/g | | N |
| | SP138706DH | 6 | | | AMERICIUM-241 AMERICIUM-241 | 14596-10-2 | | | 2 pCi/g | - | Ň |
| | SP138709DH SP138711DH | 12 | | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | <u> </u> | N |
| | SP158708DH | | 10 F | | AMERICIUM-241 | 14596-10-2 | · · · · · · · · · · · · · · · · · · · | | 4 pCi/g | | N |
| | SP158710DH | 10 | | | AMERICIUM-241 | 14596-10-2 | | | pCi/g | | N |
| SP1587 | SP158712WT | 12 | | | AMERICIUM-241 | 14596-10-2 | | | 3 pCi/g | <u> </u> | N |
| | SP158714CT | 14 | | | AMERICIUM-241 | 14596-10-2 | - | | pCi/g | | N |
| | SP158717BR | 17 | | | AMERICIUM-241 | 14596-10-2 13967-70-9 | 0.11 | | 1 pCi/g 3 pCi/g | U | (V |
| | BH40052AE | | 8 8 F 5 12 F | | CESIUM-134 CESIUM-134 | 13967-70-9 | 0.08 | MANUTATION AND ASSESSMENT OF THE OWNER. | 1 pCi/a | U | J |
| | BH40065AE BH40073AE | | 12 F | | CESIUM-134 | 13967-70-9 | 0.1 | | 3 pCi/g | Ū | V |
| | BH40086AE | 10 | | | CESIUM-134 | 13967-70-9 | 0.076 | 0.07 | 6 pCi/g | | Z |
| | BH40091AE | 16 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | *************************************** | CESIUM-134 | 13967-70-9 | 0.086 | | 6 pCi/g | - | Z |
| 40993 | BH40204AE | | 6 10 F | | CESIUM-134 | 13967-70-9 | 0.1 | | 1 pCi/g | - | Z |
| | BH40206AE | 10 | | | CESIUM-134 | 13967-70-9 | 0.055 | | 5 pCi/g | U | Z V |
| | BH40220AE | ~ ` ~~~~~~~~ | 6 12 F | ****** | CESIUM-134 CESIUM-134 | 13967-70-9 | 0.1 | | 5 pCi/g 5 pCi/g | U | V |
| | BH40246AE BH40256AE | | 6 11 F 6 11 F | ************** | CESIUM-134 CESIUM-134 | 13967-70-9 | 0.0517 | | | U | Z |
| | BH40258AE | 1 | ~ *~~~ | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | CESIUM-134 | 13967-70-9 | 0.04 | · | | Ū | Z |
| | BH40264AE | | 6 8 F | ************ | CESIUM-134 | 13967-70-9 | 0.12 | (| 2 pCi/g | | Z |
| <u> </u> | BH40290AE | 10 | | ······ | CESIUM-134 | 13967-70-9 | 0.07 | | 4 pCi/g | | Z |
| | BH40309AE | | 6 11 F | | CESIUM-134 | 13967-70-9 | 0.1 | ·· | 7 pCi/g | U | <u>V</u> |
| \$ | BH40324AE | | 8 13 F | | CESIUM-134 | 13967-70-9 | 0. | | 1 pCi/g | 1 | Z |
| \$ | BH40335AE | | 6 12 F | | CESIUM-134 | 13967-70-9 | 0.1 | | 7 pCi/g 6 pCi/g | U | Z |
| | BH40415AE BH40416AE | 20 | | | CESIUM-134 CESIUM-134 | 13967-70-9 13967-70-9 | 0.06 | | o pcvy 2 pCi/g | | Z |

| | Table A 11 Sol | lar Evano | ration Po | nde Af | DC - Analytical Results i | for Subsurfac | re Snils Greate | r Than 6 Fee | t - Radi | onuclidas |
|--|--------------------------------|-----------|--|--|--|--------------------------|--------------------|---------------------------|----------------|-----------------------|
| | Table A. 11 Sc | 37.2.4 | Tallon PC | JIIUS AC | C - Analytical Results | OI SUDSUITA | Je Sons Greate | i illali o ree | i - naui | |
| LOCATION | | перти | DEPTH | LINITE | | | DETECTION | | | LAB RESULT VALIDATION |
| | SAMPLE NUMBER | | END | CODE | Anatyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER QUALIFIER |
| & | BH40424AE | 6 | | FT | CESIUM-134 | 13967-70-9 | 0.085 | 0.085 | | Z |
| } | BH40430AE BH40432AE | 22 6 | å | | | 13967-70-9 13967-70-9 | 0.074 0.077 | 0.074 0.077 | | Z |
| i | BH40433AE | 28 | | | · | 13967-70-9 | 0.077 | 0.077 | | Z |
| 42493 | BH40445AE | 8 | 10 | FT | CESIUM-134 | 13967-70-9 | 0.1 | 0.1 | pCi/g | Z |
| } | BH40450AE BH40521AE | 8 | | | | 13967-70-9 | 0.098 | 0.098 | | Z |
| | BH40522AE | 6 8 | | FT FT | CESIUM-134 CESIUM-134 | 13967-70-9 13967-70-9 | 0.1 | | pCi/g pCi/g | Z |
| L | BH40525AE | 10 | | | | 13967-70-9 | 0.096 | 0.096 | | Ž |
| <u> </u> | BH40711AE | 9 | £ | | | 13967-70-9 | 0.02544 | 0.008534 | | U V |
| Incommence of the second | BH40713AE BH40726AE | 11 | | | | 13967-70-9 13967-70-9 | 0.03846 | -0.0224 -0.0093 | | U V |
| · | BH40728AE | 9 | i | | | 13967-70-9 | 0.0273 | -0.0147 | | U V |
| [| BH40740AE | 6 | | | CESIUM-134 | 13967-70-9 | 0.024 | 0.01082 | | U V |
| <u></u> | BH40742AE BH40748AE | 8 7 | | | CESIUM-134 CESIUM-134 | 13967-70-9 13967-70-9 | 0.022405 0.022 | 0.007692 -0.00436 | | U V |
| \$ | BH40749AE | 9 | | | | 13967-70-9 | 0.021 | -0.00431 | | Ŭ V |
| | BH40754AE | 12 | 12 | FT | CESIUM-134 | 13967-70-9 | 0.028 | -0.0172 | pCi/g | U V |
| £ | BH40768AE BH40770AE | 6 7 | | | CESIUM-134 CESIUM-134 | 13967-70-9 13967-70-9 | 0.02975 | -0.0315 -0.00571 | | U V |
| \$ | BH40776AE | 7 | | | CESIUM-134 | 13967-70-9 | 0.011 | -0.00571 | | U V |
| | BH40052AE | 6 | | FT | CESIUM-137 | 10045-97-3 | 0.12 | 0.003 | | U V |
| | BH40065AE | 6 | in and the second | A CONTRACTOR AND A CONT | | 10045-97-3 | 0.08 | 0.001 | | U J |
| 3 | BH40073AE BH40086AE | 6 10 | | | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.13 0.096 | 0.003 | | U V |
| · | BH40091AE | 16 | · | | , Barrana y amerikan wasan masan kata wasan ana ana ana ana ana ana ana ana ana | 10045-97-3 | 0.096 | **** | pCi/g | Ŭ V |
| · | BH40204AE | 6 | · | ~~~~~~~ | | 10045-97-3 | 0.12 | 0.002 | | U V |
| \$ | BH40206AE BH40220AE | 10 6 | · | | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.072 0.12 | 0.002 0.004 | | U V |
| | BH40246AE | 6 | <u> </u> | | CESIUM-137 | 10045-97-3 | 0.12 | 0.004 | | U V |
| \$ | BH40256AE | 6 | 11 | FT | | 10045-97-3 | 0.0492 | -0.0138 | | U A |
| \ | BH40258AE | 11 | lancara a caracterista de la constanta de la constanta de la constanta de la constanta de la constanta de la c | | | 10045-97-3 | 0.0412 | 0.007416 | | Ú A |
| <u></u> | BH40264AE BH40290AE | 6 10 | | FT FT | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.12 | 0.003 | | U V |
| in | BH40309AE | 6 | | | CESIUM-137 | 10045-97-3 | 0.14 | 0.002 | | Ū V |
| *************************************** | BH40324AE | 8 | | | CESIUM-137 | 10045-97-3 | 0.14 | 0.01 | | U V |
| | BH40335AE BH40351AE | 6 6 | | | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.13 0.0492 | 0.002 -0.0177 | | U V |
| | BH40415AE | 20 | | *************************************** | CESIUM-137 | 10045-97-3 | 0.077 | 0.002 | | Ŭ Ÿ |
| | BH40416AE | 31 | Santananan marana arangeriye | | CESIUM-137 | 10045-97-3 | 0.079 | 0.002 | · | U V |
| | BH40424AE | 6 | | FT — | CESIUM-137 | 10045-97-3 | 0.11 | 0.003 | | U V |
| | BH40430AE BH40432AE | 22 6 | & | | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.094 | 0.003 | | U V |
| | BH40433AE | 28 | · | | | 10045-97-3 | 0.092 | 0 | pCi/g | Ū V |
| | BH40445AE | 8 | | | | 10045-97-3 | 0.13 | 0.003 | | U V |
| | BH40450AE BH40521AE | 6 | | FT : | | 10045-97-3 10045-97-3 | 0.12 0.12 | 0.01 | | U V |
| Company and the second | BH40522AE | 8 | | | ······································ | 10045-97-3 | 0.12 | 0.003 | | Ŭ V |
| \$ | BH40525AE | 10 | | **** | | 10045-97-3 | 0.12 | 0.003 | pCi/g | U V |
| La carrer anno anno mercer recommendado de la carrer de l | BH40711AE BH40713AE | 9 11 | à.,, | | | 10045-97-3 10045-97-3 | 0.02606 0.03719 | -0.0119 -0.00126 | | U V U V |
| | BH40726AE | 7 | · | FT | | 10045-97-3 | 0.03719 | 0.005988 | | U V |
| 46693 | BH40728AE | 9 | 15 | FT | CESIUM-137 | 10045-97-3 | 0.0255 | -0.0378 | pCi/g | U V |
| ł | BH40740AE | 6 | | FT | CESIUM-137 | 10045-97-3 | 0.027 | 0.006574 | | U V |
| · | BH40742AE BH40748AE | 8 7 | | FI FI | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.02521 | -0.00496 -0.0119 | | U V U V |
| } | BH40749AE | 9 | 11 | | | 10045-97-3 | 0.022 | -0.00225 | | U V |
| Carrier or response to the contract of | BH40754AE | 12 | 12 | | CESIUM-137 | 10045-97-3 | 0.028 | -0.0189 | | U V |
| lanaman markatan katalan katalan katalan katalan katalan katalan katalan katalan katalan katalan katalan katal | BH40768AE BH40770AE | 6 7 | | FT ET | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.03014 | -0.0285 0.01221 | | U V X V |
| | BH40776AE | 7 | | rı FT | | 10045-97-3 | 0.017 | ************************* | | V U V |
| P207589 | SEP0389BR0915 | 9 | 15 | Fī | CESIUM-137 | 10045-97-3 | 0.1 | | pCi/g | U |
| | SEP0389BR1521 | 15 | | | <u></u> | 10045-97-3 | 0.1 | | | U . |
| · | SEP1689BR1016 SEP1789BR0915 | 10 9 | incorrection are many and | | CESIUM-137 CESIUM-137 | 10045-97-3 10045-97-3 | 0.1 | | | U |
| | SEP1889BR1218 | 12 | `~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | CESIUM-137 | 10045-97-3 | 0.1 | | | Ū |
| £ | SEP1889BR1824 | 18 | \$ | | | 10045-97-3 | 0.1 | | | U |

| | Table A.11 Sol | ar Evapo | ration P | onds AC | C - Analytical Results | for Subsurfac | e Soils Greate | r Than 6 Fee | et - Radi | onuclides | |
|----------------|--|----------|-------------|--|--|--------------------------|--------------------|--|-------------------|-------------|--|
| | Maria de la companya de la companya de la companya de la companya de la companya de la companya de la companya | ş | ja de | ÷ 1 | \$ 1 Page 19 | : 🐞 25 | 1.5 | W | 4.2 | · 12 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |
| CONTION | | Ormi. | 0000 | | V. | | DETECTION | | | LAB | |
| LOCATION | SAMPLE NUMBER | DEPTH | S 4.1 | CODE | Analyte | CAS NO | DETECTION | RESULT | LINITE | RESULT | VALIDATION OUALIFIER |
| P209189 | SEP1989BR1016 | 10 | | the same transporter | The second secon | 10045-97-3 | 0.1 | ************************************* | The second second | U | - COALIFIER |
| P209189 | SEP1989BR1622 | 16 | | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | · |
| P209489 | SEP2289BR0912 | 9 | | | CESIUM-137 | 10045-97-3 | 0.1 | *************************************** | | U | |
| P209489 | SEP2289BR1213 | 12 | - | · | *************************************** | 10045-97-3 | 0,1 | | | Ū | |
| P209489 | SEP2289BR1416 | 14 | | ******* | CESIUM-137 | 10045-97-3 | 0.1 | | | Ū | |
| · | SEP2289BR1621 | 16 | | <u></u> | CESIUM-137 | 10045-97-3 | 0.1 | | | Ū | |
| P209589 | SEP2389BR1015 | 10 | 14 | FT | CESIUM-137 | 10045-97-3 | 0.1 | 0 | pCi/g | U | |
| P209889 | SEP2689BR1016 | 10 | 16 | FT | CESIUM-137 | 10045-97-3 | 0.1 | 0 | pCi/g | U | |
| P210189 | SEP3089BR0915 | 9 | 15 | FT | CESIUM-137 | 10045-97-3 | 0.1 | 0 | pCi/g | U | |
| P210189 | SEP3089BR1521 | 15 | 21 | FT | CESIUM-137 | 10045-97-3 | 0.1 | 0 | pCi/g | U | |
| P210189 | SEP3089BR2127 | 21 | | | CESIUM-137 | 10045-97-3 | 0.1 | | · | U | |
| P210289 | SEP3189BR0713 | 7 | | | CESIUM-137 | 10045-97-3 | 0.1 | | | U | |
| P210289 | SEP3189BR1319 | 13 | | FT | CESIUM-137 | 10045-97-3 | 0.1 | | pCi/g | U | |
| 05093 | BH00064AE | 6 | | | GROSS ALPHA | 12587-46-1 | 4.38 | | pCi/g | · | V V |
| 05393 05393 | BH00079AE BH00081AE | 18 6 | ********** | FT FT | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | 4.3 | | pCi/g | <u> </u> | V |
| 05393 | BH00081AE | 12 | | FT | GROSS ALPHA | 12587-46-1 | 3.5 | | pCi/g pCi/g | | V |
| 44593 | BH40005AE | 6 | | | GROSS ALPHA | 12587-46-1 | 3.9 | | pCi/g | 4 | A |
| 41193 | BH40052AE | 6 | | 5 | | 12587-46-1 | 2.6 | *** | pCi/g | £ | A |
| 41993 | BH40065AE | 6 | | · | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 12587-46-1 | 3 | | pCi/g | | Ŷ |
| 43893 | BH40073AE | 6 | ., | · | GROSS ALPHA | 12587-46-1 | 2.6 | | pCi/g | <u> </u> | A |
| 42193 | BH40086AE | 10 | 16 | | ······································ | 12587-46-1 | 4.3 | | pCi/g | | V |
| 42193 | BH40091AE | 16 | 22 | FT | GROSS ALPHA | 12587-46-1 | 2.1 | | pCi/g | | ٧ |
| 42993 | BH40144AE | 7 | 10 | FT | GROSS ALPHA | 12587-46-1 | 3.1 | 9.07 | pCi/g | | A |
| 40793 | BH40160AE | 6 | | FT | | 12587-46-1 | 3 | | pCi/g | · | A |
| 40093 | BH40170AE | 6 | | FT | GROSS ALPHA | 12587-46-1 | 3.6 | | pCi/g | À | Α |
| 44893 | BH40191AE | 6 | ····· | FT | GROSS ALPHA | 12587-46-1 | 3.1 | ···· | pCi/g | | A |
| 40993 | BH40204AE | 6 | | ···· | GROSS ALPHA | 12587-46-1 | 2.2 | | pCi/g | \$ | A |
| 40993 | BH40206AE | 10 | | · | | 12587-46-1 | 4.3 | ···· | pCi/g | | Α |
| 41693 41793 | BH40220AE BH40246AE | 6 6 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | 3.2 4.7 | | pCi/g pCi/q | J | A A |
| 42293 | BH40256AE | 6 | | <u>` </u> | GROSS ALPHA | 12587-46-1 | 3.3433 | | pCi/g | · | A |
| 42293 | BH40258AE | 11 | | | GROSS ALPHA | 12587-46-1 | 2.28389 | ************************* | pCi/g | ···· | A |
| 42393 | BH40264AE | 6 | | | GROSS ALPHA | 12587-46-1 | 2.9 | | pCi/g | | A |
| 42593 | BH40290AE | 10 | | č | GROSS ALPHA | 12587-46-1 | 2.7 | | pCi/g | 2 | V |
| 43193 | BH40309AE | 6 | | | GROSS ALPHA | 12587-46-1 | 2.9 | | pCi/g | | A |
| 43793 | BH40335AE | 6 | 12 | FT | GROSS ALPHA | 12587-46-1 | 2.5 | | pCi/g | | A |
| 44093 | BH40351AE | 6 | 10 | FT | GROSS ALPHA | 12587-46-1 | 2.62 | -0.498 | pCi/g | U | ٧ |
| 45893 | BH40380AE | 6 | 9 | · | GROSS ALPHA | 12587-46-1 | 2.38 | 10.88 | pCi/g | <u> </u> | ٧ |
| 45893 | BH40382AE | 9 | | | | 12587-46-1 | 2.84 | | | \$ | V |
| 40793 | BH40414AE | 8 | | | GROSS ALPHA | 12587-46-1 | 2.8 | | pCi/g | | A |
| 40993 | BH40415AE | 20 | | · | | 12587-46-1 | 3 | | pCi/g | ^ | Ą |
| 40993 | BH40416AE | 31 | | | | 12587-46-1 | 2.8 | | pCi/g | | A |
| 41593 | BH40424AE | 6 | | FT | GROSS ALPHA | 12587-46-1 | 2.5 | | pCi/g | | A |
| 42193 | BH40430AE | 22 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 | 2.5 3.4 | | pCi/g pCi/g | 2 | V . |
| 42193 42493 | BH40433AE BH40445AE | 28 8 | | | GROSS ALPHA | 12587-46-1 12587-46-1 | 3.4 1.9 | | pCi/g | | V A |
| 42593 | BH40450AE | 8 | | FT | GROSS ALPHA | 12587-46-1 | 1.9 | | pCi/g | | A |
| 43693 | BH40521AE | 6 | | å | GROSS ALPHA | 12587-46-1 | 3.5 | | pCi/q | A | A |
| 43693 | BH40522AE | 8 | | | ······································ | 12587-46-1 | 3.6 | | pCi/g | | A |
| 43693 | BH40525AE | 10 | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 12587-46-1 | 2.8 | | pCi/g | | A |
| 46593 | BH40711AE | 9 | | <u> </u> | GROSS ALPHA | 12587-46-1 | 2.69603 | | pCi/g | | V |
| 46593 | BH40713AE | 11 | 16 | \$ | GROSS ALPHA | 12587-46-1 | 2.18485 | | pCi/g | | V |
| 46693 | BH40726AE | 7 | 8 | FT | GROSS ALPHA | 12587-46-1 | 2.4603 | 16.43 | pCi/g | | V |
| 46693 | BH40728AE | 9 | | | GROSS ALPHA | 12587-46-1 | 2.77142 | 13.13 | | | V . |
| 46793 | BH40740AE | 6 | | \$ | GROSS ALPHA | 12587-46-1 | 2.90732 | | pCi/g | | Α |
| 46793 | BH40742AE | 8 | | | GROSS ALPHA | 12587-46-1 | 2.69496 | 10.72 | | | A |
| 46893 | BH40748AE | 7 | | £ | GROSS ALPHA | 12587-46-1 | 3.34194 | | pCi/g | | V |
| 46893 | BH40749AE | 9 | L | | GROSS ALPHA | 12587-46-1 | 2.62128 | | pCi/g | | <u>v</u> |
| 46893 | BH40754AE | 12 | | · | GROSS ALPHA | 12587-46-1 | 2.97271 | | pCi/g | £ | V |
| 46993 46993 | BH40768AE | 6 | | | GROSS ALPHA | 12587-46-1 | 3.33797 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | | V V |
| 46993 47093 | BH40770AE BH40776AE | 7 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | 3.03859 2.45931 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | pCi/g pCi/g | ······ | V |
| P207589 | SEP0389BR0915 | 7 9 | | · | GROSS ALPHA | 12587-46-1 | 2.45931 | | pCi/g | | <u> </u> |
| P207589 | SEP0389BR1521 | 9 15 | | | GROSS ALPHA | 12587-46-1 | 17 | | | U | |
| P208889 | SEP1689BR1016 | 10 | | ************************************** | GROSS ALPHA | 12587-46-1 | 9 | | pCi/g | | |
| P208989 | SEP1789BR0915 | 9 | | ···· | GROSS ALPHA | 12587-46-1 | 17 | | pCi/g | | »•• |
| | , | | | · | | | | | <u> </u> | <u></u> | |

| | Table A.11 Sol | ar Evapo | ration Po | nds AC | C - Analytical Results | for Subsurfac | e Soils Greate | | t - Radi | onuclides | | |
|---|--|------------|--|-----------------|----------------------------|---------------------------------------|---|---------------------------------------|----------------|---------------|---------------------------------------|---|
| 1 1 1 1 1 | | * 4 | 20 | * | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | * 9 | LAB | * | 5 th. 1 |
| LOCATION | # 14 1 3 1 3 1 4 1 4 1 4 1 4 1 4 1 4 1 4 | DEPTH | 2.5 | UNIT | | A 40 10 | DETECTION | 12 16 | ¥ \$ | RESULT | VALIDA | TION |
| CODE | SAMPLE NUMBER | | END | - 1 | Analyte | CAS NO | LIMIT | RESULT | | QUALIFIER | QUALI | ₹. |
| - wanted | SEP1889BR1218 | 12 | 18 F | | GROSS ALPHA | 12587-46-1 | . 10 | | pCi/g | | | |
| | SEP1889BR1824 | 18 | | | | 12587-46-1 | 10 | | pCi/g | | ļ | |
| | SEP1989BR1016 | 10 | | | | 12587-46-1 | 10 | | pCi/g | | <u> </u> | |
| | SEP1989BR1622 | 16 9 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | 10 17 | | pCi/g pCi/g | | · · · · · · · · · · · · · · · · · · · | |
| | SEP2289BR0912 SEP2289BR1213 | 12 | | | GROSS ALPHA | 12587-46-1 | 17 | | pCi/g | | <u> </u> | |
| | SEP2289BR1416 | 14 | m:=::::::::::::::::::::::::::::::::::: | | GROSS ALPHA | 12587-46-1 | 17 | | | U | | ••••• |
| P209489 | SEP2289BR1621 | 16 | | | GROSS ALPHA | 12587-46-1 | 17 | | | U | ŧ | |
| | SEP2389BR1015 | 10 | | | | 12587-46-1 | 9 | | pCi/g | | | |
| | SEP2689BR1016 | 10 | | | GROSS ALPHA | 12587-46-1 | 9 | | pCi/g | | į | •••••• |
| | SEP3089BR0915 | 9 | | | | 12587-46-1 | 15 15 | | pCi/g pCi/g | | | •••••• |
| | SEP3089BR1521 SEP3089BR2127 | 15 21 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | 15 | | pCi/g | | ļ | |
| | SEP3189BR0713 | 7 | | | GROSS ALPHA | 12587-46-1 | 17 | | pCi/g | | ļ | |
| | SEP3189BR1319 | 13 | | | GROSS ALPHA | 12587-46-1 | 17 | | pCi/g | | | *********** |
| | SP018711DH | 10 | | | GROSS ALPHA | 12587-46-1 | | 24 | pCi/g | <u> </u> | N | *************************************** |
| SP0187 | SP018713DH | 13 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | <u> </u> | N | |
| | SP018716BR | 15 | m | | | 12587-46-1 | | | pCi/g | | N | |
| | SP018721DH | 20 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | <u> </u> | | pCi/g pCi/g | | N | |
| SP0187 SP0287 | SP018723DH | 23 8 | L | | GROSS ALPHA | 12587-46-1 | 1 | | pCi/g | L | N | ······································ |
| SP0287 | SP028708UC SP028711CT | 10 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP0287 | SP028713BR | 13 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | *************************************** |
| SP0387 | SP038711DH | 10 | | | GROSS ALPHA | 12587-46-1 | | 21 | pCi/g | | N | |
| SP0387 | SP038713CT | 13 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP0387 | SP038716BR | 15 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| | SP048707DH | 7 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | <u> </u> | | pCi/g pCi/g | | N N | |
| SP0487 SP0487 | SP048712DH SP048717DH | 12 · 17 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP0487 | SP048717DH | 20 | <u> </u> | | GROSS ALPHA | 12587-46-1 | } | | pCi/g | | N | *************************************** |
| SP0487 | SP048722DH | 22 | | ********** | GROSS ALPHA | 12587-46-1 | *************************************** | | pCi/g | | N | *************************************** |
| SP0487 | SP048725DH | 24 | 27 F | - T | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| | SP048727DH | 27 | | | GROSS ALPHA | 12587-46-1 | <u> </u> | | pCi/g | | N | *************************************** |
| | SP048730DH | 30 | | | | 12587-46-1 | | | pCi/g pCi/g | | N N | |
| | SP048732DH SP058707DH | 32 7 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | | | pCi/g | | N | * |
| *************************************** | SP058707DH | 10 | L | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | *************************************** |
| SP0587 | SP058712DH | 13 | | | GROSS ALPHA | 12587-46-1 | } | | pCi/g | 1 | N | ************ |
| SP0587 | SP058716DH | 15 | 17,6 | -7 | | 12587-46-1 | | <u> </u> | pCi/g | | N | |
| SP0687 | SP068708DH | 8 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP0687 | SP068711DH | 10 | | | GROSS ALPHA | 12587-46-1 | 1 | | pCi/g | <u> </u> | N N | |
| SP0687 SP0687 | SP068713DH SP068716DH | 13 16 | , | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | | | pCi/g pCi/g | | N | ··· |
| SP0687 | SP068718DH | 18 | · | | GROSS ALPHA | 12587-46-1 | <u> </u> | | pCi/g | } | N | |
| SP0687 | SP068721DH | 20 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | <u> </u> | N | *************************************** |
| | SP068724DH | 23 | | | GROSS ALPHA | 12587-46-1 | | 30 | pCi/g | | N | |
| SP0687 | SP068726DH | 26 | 28 1 | -7 | GROSS ALPHA | 12587-46-1 | 1 | *····· | pCi/g | | N | |
| SP0787 | SP078711DH | 10 | | | GROSS ALPHA | 12587-46-1 | ļ | | pCi/g | ····· | N | |
| SP0787 | SP078713DH | 13 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | · | N | |
| SP0787 SP0787 | SP078716DH | 16 18 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 12587-46-1 | | | pCi/g pCi/g | Arcer | N N | |
| SP0787 SP0787 | SP078718WT SP078721CT | 20 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP0787 | SP078723BR | 23 | | ************* | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP0787 | SP078726DH | 26 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | 1 | N | |
| SP0887 | SP088706CT | 7 | | FT | GROSS ALPHA | 12587-46-1 | | | pCi/g | 1 | N | |
| SP0887 | SP088709BR | 9 | | | GROSS ALPHA | 12587-46-1 | | · | pCi/g | | N | |
| | SP098706CT | 6 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | · | N | |
| SP0987 | SP098708BR | 8 | | | GROSS ALPHA GROSS ALPHA | 12587-46-1 | | · · · · · · · · · · · · · · · · · · · | pCi/g pCi/g | 1 | N N | *********** |
| | SP108707DH SP108709DH | 7 | ****************** | ~~~~ | GROSS ALPHA | 12587-46-1 12587-46-1 | <u> </u> | | pCi/g |] | N | |
| | SP108711DH | 11 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | · | N | |
| | SP108713DH | 13 | | | GROSS ALPHA | 12587-46-1 | İ | | pCi/g | | N | |
| SP1087 | SP108715DH | 15 | | *************** | GROSS ALPHA | 12587-46-1 | | 20 | pCi/g | | N | |
| SP1087 | SP108717DH | 17 | | | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N | |
| SP1087 | SP108719DH | 19 | | | GROSS ALPHA | 12587-46-1 | 1 | | pCi/g | | N | |
| SP1087 | SP108721WT | 21 | | | GROSS ALPHA | 12587-46-1 | 3 | • | pCi/g | d | N | |
| SP1087 | SP108723DH | 23 | 24 | T 1 | GROSS ALPHA | 12587-46-1 | 1 | 24 | pCi/g | 1 | N | |

| 100 | | | | | OC - Analytical Results | | | 3 4- | | | 1.658 |
|---|--------------------------------|----------|--|---|---|--------------------------|------------|---|----------------|---|------------|
| 4. 190 | e grama is in | | | `₩ , ¥ . ~! | | A A A Trans | | in the state of | | LAB | |
| LOCATION | \$ d = 8, | DEPTH | DEPTH | UNIT | | Land of the sale | DETECTION | X | 3 0 6 4 3.3 | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END | CODE | Analyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | |
| SP1087 | SP108724DH | 24 | 26 | FT | GROSS ALPHA | 12587-46-1 | | 32 | pCi/g | * | N |
| ······ | SP138706DH | 6 | | FT | GROSS ALPHA | 12587-46-1 | | 29 | pCi/g | | N |
| | SP138709DH | 9 | | FT | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N |
| | SP138711DH | 12 | | FT | GROSS ALPHA | 12587-46-1 | | | pCi/g | \$ | N |
| | SP158708DH | | | FT | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N |
| | SP158710DH | 10 | | FT | GROSS ALPHA | 12587-46-1 | | | pCi/g | | N |
| | SP158712WT SP158714CT | 12 14 | | FT FT | GROSS ALPHA | 12587-46-1 12587-46-1 | <u> </u> | | pCi/g | | N |
| | SP158717BR | 17 | | FT | GROSS ALPHA GROSS ALPHA | 12587-46-1 | | | pCi/g | | N |
| | BH00064AE | 6 | | FT | GROSS BETA | 12587-40-1 | 3.12 | | pCi/g pCi/g | | N A |
| **************************** | BH00069AE | 6 | | | GROSS BETA | 12587-47-2 | 3.2 | | pCi/q | | A |
| | BH00079AE | 18 | | FT | GROSS BETA | 12587-47-2 | 2.9 | | pCi/g | | v |
| | BH00081AE | 6 | | FT | GROSS BETA | 12587-47-2 | 2.8 | | pCi/g | £ | V |
| | BH00084AE | 12 | | FT | GROSS BETA | 12587-47-2 | 3 | | pCi/g | i | V |
| 44593 | BH40005AE | 6 | 11 | FT | GROSS BETA | 12587-47-2 | 2.6 | 21 | pCi/g | | Α |
| 41193 | BH40052AE | 6 | 8 | FT | GROSS BETA | 12587-47-2 | 5.3 | | | В | Α |
| | BH40065AE | 6 | 12 | FT | GROSS BETA | 12587-47-2 | 3 | 13 | pCi/g | | ٧ |
| | BH40073AE | 6 | | FT | GROSS BETA | 12587-47-2 | 5.3 | | | | A |
| | BH40086AE | 10 | | FT | GROSS BETA | 12587-47-2 | 5.6 | ~~~~ | pCi/g | | V |
| | BH40091AE | 16 | | FT | GROSS BETA | 12587-47-2 | 6.1 | | pCi/g | | ٧ |
| | BH40144AE | 7, | | | GROSS BETA | 12587-47-2 | 2.8 | | pCi/g | | A |
| | BH40160AE BH40170AE | 6 6 | | FT FT | GROSS BETA GROSS BETA | 12587-47-2 | 4.8 2.6 | | pCi/g | | V A |
| | BH40191AE | 6 | | | GROSS BETA | 12587-47-2 12587-47-2 | 2.0 | ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g pCi/g | | A |
| | BH40204AE | 6 | | | GROSS BETA | 12587-47-2 | 5.2 | | pCi/g | | Ŷ |
| ~~~ | BH40206AE | 10 | | | GROSS BETA | 12587-47-2 | 5 | **** | pCi/g | | v |
| ************************* | BH40220AE | 6 | | *************************************** | GROSS BETA | 12587-47-2 | 4.9 | | pCi/g | | V |
| 41793 | BH40246AE | 6 | 11 | FT | GROSS BETA | 12587-47-2 | 4.6 | | pCi/g | | V |
| 42293 | BH40256AE | 6 | 11 | FT | GROSS BETA | 12587-47-2 | 1.94295 | 33.77 | pCi/g | | V |
| | BH40258AE | 11 | | | | 12587-47-2 | 2.02679 | 19.45 | pCi/g | | V |
| | BH40264AE | 6 | | FT | GROSS BETA | 12587-47-2 | 4.9 | | pCi/g | | Α |
| | BH40290AE | 10 | | | GROSS BETA | 12587-47-2 | 5.4 | | pCi/g | | V |
| | BH40309AE | 6 | | | GROSS BETA | 12587-47-2 | 5.5 | | pCi/g | | V |
| | BH40324AE BH40335AE | 8 | | | GROSS BETA | 12587-47-2 | 4.2 | | pCi/g | | V |
| | BH40351AE | 6 | | | GROSS BETA GROSS BETA | 12587-47-2 12587-47-2 | 5 2.05 | 17.42 | pCi/g | | V V |
| | BH40380AE | 6 | | FT | GROSS BETA | 12587-47-2 | 2.05 | | pCi/g | | V |
| ····· | BH40382AE | 9 | | | GROSS BETA | 12587-47-2 | 1.97 | 22.62 | | | V |
| | BH40414AE | 8 | 13 | ***** | GROSS BETA | 12587-47-2 | 5.1 | | pCi/g | | v · |
| | BH40415AE | 20 | 29 | | GROSS BETA | 12587-47-2 | 4.8 | | pCi/g | | V |
| 40993 | BH40416AE | 31 | 35 | FT | GROSS BETA | 12587-47-2 | 6.4 | · | pCi/g | | V |
| 41593 | BH40424AE | 6 | 8 | FT | GROSS BETA | 12587-47-2 | 4.6 | | pCi/g | | V |
| | BH40430AE | 22 | 28 | | GROSS BETA | 12587-47-2 | 5.3 | 18 | pCi/g | | ٧ |
| | BH40432AE | 6 | | | GROSS BETA | 12587-47-2 | 5.2 | | pCi/g | | ٧ |
| ······································ | BH40433AE | 28 | ······································ | | GROSS BETA | 12587-47-2 | 4.7 | | pCi/g | | V |
| | BH40445AE | 8 | | | | 12587-47-2 | 5.3 | | pCi/g | | A |
| ······ | BH40450AE BH40521AE | 8 | | | GROSS BETA | 12587-47-2 | 4.6 | | pCi/g | | V |
| | BH40521AE BH40522AE | 6 8 | | FT . | GROSS BETA GROSS BETA | 12587-47-2 | 3.8 | | pCi/g | | A |
| | BH40525AE | 10 | | | GROSS BETA | 12587-47-2 12587-47-2 | 5.4 5.5 | | pCi/g pCi/g | | A |
| | BH40711AE | 9 | | | GROSS BETA | 12587-47-2 | 1.97279 | 27.11 | | | V |
| ······ | BH40713AE | 11 | | | GROSS BETA | 12587-47-2 | 2.10339 | 26.47 | | | V |
| *************************************** | BH40726AE | 7 | | FT | GROSS BETA | 12587-47-2 | 1.95988 | 32.41 | | | V |
| | BH40728AE | | | | GROSS BETA | 12587-47-2 | 2.06029 | 37.96 | · | | V |
| | BH40740AE | 9 6 | 8 | FT | GROSS BETA | 12587-47-2 | 1.98113 | 23.17 | | | v |
| | BH40742AE | 8 | 15 | FT | GROSS BETA | 12587-47-2 | 1.92258 | 28.18 | | | V. |
| ····· | BH40748AE | 7 | | FT | GROSS BETA | 12587-47-2 | 2.03308 | 29.98 | pCi/g | | V |
| | BH40749AE | 9 | | | GROSS BETA | 12587-47-2 | 2.07133 | 23.54 | | | V |
| | BH40754AE | 12 | | | GROSS BETA | 12587-47-2 | 2.10089 | 27.57 | | | V |
| | BH40768AE | 6 | | FT | GROSS BETA | 12587-47-2 | 2.0047 | 37.92 | | *************************************** | V |
| | BH40770AE | 7 | | | GROSS BETA | 12587-47-2 | 2.06379 | 22.87 | | | V |
| | BH40776AE | 7 | | | *************************************** | 12587-47-2 | 2.02745 | 14.45 | | | V |
| ~~~~~~ | SEP0389BR0915 | 9 | 15 | | GROSS BETA | 12587-47-2 | 8 | | pCi/g | | ·p |
| | SEP0389BR1521 SEP1689BR1016 | 15 10 | | | | 12587-47-2 12587-47-2 | 8 7 | | pCi/g pCi/g | | |
| | | | | | GROSS BETA | 12587-47-2 | 7) 8 | | pCi/g | | ···· |
| P208989 | SEP1789BR0915 | 9 | 15 | | | | | | | | |

| • | TEDIE A.TT SU | The state of | * | nius Ac | \$ 000 | ytical Results | # 15 to 10 t | (150 * | 18 1 N 2 | 4 * . | 1 4 4 5 | |
|--------------------------------|--------------------------------|-------------------------------|---|---|----------------|---|--|--------------|--|---------------------|---------------------------------------|------------|
| LOCATION | | ¥ | DEPTH | UNIT | Norman a | | 1995年末 896年末日 | DETECTION | * | e iliku i Janaan | RESULT | VALIDATION |
| mountaines decorrect | SAMPLE NUMBER | with a summer and a summer of | medicant i a convenient ? | | | Analyte | CAS NO | * UMIT | | | QUALIFIER | QUALIFIER |
| | SEP1889BR1824 | 18 | | | GROSS | | 12587-47-2 12587-47-2 | 8 | | pCi/g pCi/g | ······ | |
| | SEP1989BR1016 SEP1989BR1622 | 10 16 | | | GROSS | | 12587-47-2 | 8 | | pCi/g | | |
| | SEP2289BR0912 | 9 | | | GROSS | | 12587-47-2 | 8 | | pCi/g | | |
| | SEP2289BR1213 | 12 | 13 | FT | GROSS | BETA | 12587-47-2 | 8 | | pCi/g | | |
| | SEP2289BR1416 | 14 | | *************************************** | GROSS | | 12587-47-2 | 8 | | pCi/g | | |
| | SEP2289BR1621 | 16 10 | | | GROSS GROSS | | 12587-47-2 12587-47-2 | 8 7 | | pCi/g pCi/g | | · |
| | SEP2389BR1015 SEP2689BR1016 | 10 | | | GROSS | | 12587-47-2 | 7 | | pCi/g | | |
| | SEP3089BR0915 | 9 | | | GROSS | | 12587-47-2 | 9 | ··· | pCi/g | | |
| | SEP3089BR1521 | 15 | | | GROSS | | 12587-47-2 | 9 | | pCi/g | | |
| | SEP3089BR2127 | 21 _ | | | GROSS | | 12587-47-2 | 9 | | pCi/g | | |
| · | SEP3189BR0713 SEP3189BR1319 | 7 13 | | | GROSS GROSS | | 12587-47-2 12587-47-2 | 8 | | pCi/g pCi/g | | |
| | SP018711DH | 10 | | | GROSS | | 12587-47-2 | 1 | | pCi/g | | N |
| | SP018713DH | 13 | | | GROSS | | 12587-47-2 | 1 | | pCi/g | | N |
| SP0187 | SP018716BR | 15 | | | GROSS | | 12587-47-2 | | | pCi/g | | N |
| | SP018721DH | 20 | | | GROSS | | 12587-47-2 | <u> </u> | | pCi/g | | N |
| SP0187 SP0287 | SP018723DH SP028708UC | 23 8 | | | GROSS GROSS | | 12587-47-2 | 1 | | pCi/g pCi/g | | N N |
| | SP0287080C SP028711CT | 10 | | *********** | GROSS | | 12587-47-2 | | | pCi/g | | N |
| SP0287 | SP02871101 SP028713BR | 13 | | | GROSS | | 12587-47-2 |] | | pCi/g | | N |
| | SP038711DH | 10 | 12 | FT | GROSS | BETA | 12587-47-2 | ĺ | ************************************** | pCi/g | | N |
| SP0387 | SP038713CT | 13 | | | GROSS | | 12587-47-2 | | | pCi/g | | N |
| | SP038716BR | 15 | | | GROSS | | 12587-47-2 | 1 | | pCi/g | | N N |
| | SP048707DH SP048712DH | 7 12 | | FT FT | GROSS GROSS | | 12587-47-2 | <u> </u> | ***************************** | pCi/g pCi/g | | N |
| | SP048717DH | 17 | . | | GROSS | | 12587-47-2 | <u> </u> | | pCi/g | <u>`</u> | N |
| | SP048720DH | 20 | <u> </u> | | GROSS | | 12587-47-2 | <u> </u> | · | pCi/g | · | N |
| SP0487 | SP048722DH | 22 | 24 | FT | GROSS | | 12587-47-2 | | · | pCi/g | · · · · · · · · · · · · · · · · · · · | N |
| | SP048725DH | 24 | | | GROSS | | 12587-47-2 | | · | pCi/g | | N |
| SP0487 SP0487 | SP048727DH | 27 30 | | | GROSS GROSS | | 12587-47-2 12587-47-2 | | | pCi/g pCi/g | | N |
| SP0487 | SP048730DH SP048732DH | 32 | <u></u> | | GROSS | ····· | 12587-47-2 | | | pCi/g | | N |
| SP0587 | SP058707DH | 7 | | FT | GROSS | | 12587-47-2 | | | pCi/g | ł | N . |
| SP0587 | SP058710DH | 10 | 10 | FT | GROSS | BETA | 12587-47-2 | | 13 | pCi/g | | N |
| SP0587 | SP058712DH | 13 | | | GROSS | | 12587-47-2 | | | pCi/g | <u> </u> | N |
| SP0587 | SP058716DH | 15 | | | GROSS | | 12587-47-2 12587-47-2 | | | pCi/g pCi/a | | N N |
| SP0687 SP0687 | SP068708DH SP068711DH | 8 10 | | | GROSS | | 12587-47-2 | <u> </u> | | pCi/g | | N |
| SP0687 | SP068713DH | 13 | i | | GROSS | | 12587-47-2 | | L | pCi/g | <u> </u> | N |
| SP0687 | SP068716DH | 16 | | | GROSS | | 12587-47-2 | | 18 | pCi/g | [| N |
| SP0687 | SP068718DH | 18 | | | GROSS | | 12587-47-2 | | <u> </u> | pCi/g | | N |
| SP0687 | SP068721DH | 20 | | | GROSS | *************************************** | 12587-47-2 | | | pCi/g | | N |
| SP0687 SP0687 | SP068724DH SP068726DH | 23 26 | | | GROSS | | 12587-47-2 | | | pCi/g pCi/g | | N |
| SP0787 | SP078711DH | 10 | • · · · · · · · · · · · · · · · · · · · | | GROSS | | 12587-47-2 | | | pCi/g | | N |
| SP0787 | SP078713DH | 13 | | | GROSS | | 12587-47-2 | i | | pCi/g | | N |
| SP0787 | SP078716DH | 16 | 17 | FT | GROSS | | 12587-47-2 | | | pCi/g | | N |
| SP0787 | SP078718WT | 18 | | | GROSS | | 12587-47-2 | | | pCi/g | } } | N |
| SP0787 | SP078721CT | 20 | | | GROSS | | 12587-47-2 | <u> </u> | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | l | N |
| SP0787 SP0787 | SP078723BR SP078726DH | 23 26 | | ********** | GROSS GROSS | | 12587-47-2 12587-47-2 | 1 | | pCi/g pCi/g | | N |
| SP0887 | SP088706CT | 7 | | FT | GROSS | | 12587-47-2 | <u> </u> | | pCi/g | <u> </u> | N |
| SP0887 | SP088709BR | 9 | ************************* | | GROSS | | 12587-47-2 | | | pCi/g | | N |
| ****************************** | SP098706CT | 6 | | FT | GROSS | | 12587-47-2 | | * | pCi/g | | N |
| <u> </u> | SP098708BR | 8 | | | GROSS | | 12587-47-2 | <u> </u> | | pCi/g | <u> </u> | N |
| SP1087 SP1087 | SP108707DH | 7 | | FT. | GROSS | | 12587-47-2 | 1 | | pCi/g pCi/g | | N |
| SP1087 SP1087 | SP108709DH SP108711DH | 11 | ************** | | GROSS | | 12587-47-2 | | **** | pCi/g | - | N |
| SP1087 | SP108713DH | 13 | · · · · · · · · · · · · · · · · · · · | | GROSS | | 12587-47-2 | | | pCi/g | | N |
| SP1087 | SP108715DH | 15 | | | GROSS | BETA | 12587-47-2 | İ | | pCi/g | | N |
| SP1087 | SP108717DH | 17 | | | GROSS | | 12587-47-2 | | ^ | pCi/g | | N |
| SP1087 | SP108719DH | 19 | | | GROSS | | 12587-47-2 | | | pCi/g | | N |
| | | . 24 | 23 | FT | GROSS | BETA | 12587-47-2 | i | : 24 | pCi/g | i | N |
| SP1087 SP1087 | SP108721WT SP108723DH | 21 | | | GROSS | | 12587-47-2 | | | pCi/g | | N |

| \$P\$397 \$P\$39790P 9 12 FT GROSS BETA 12874742 28 pCPG N N SP\$397 \$P\$39710P 12 FT 14 FT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39790P \$P\$397 \$P\$39790P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$397 \$P\$3970P \$P\$3970 | | Table A.11 Sol | lar Evapo | ration Po | onds A | OC - Analytical Results | for Subsurfac | e Soils Greate | r Than 6 Fe | et - Radi | onuclides | |
|--|--|---|-----------------------------|--------------------|---|--|--|---|--|---|--|---|
| CACATION COOR DEFTN DEFTN END COOR Analyse CAS NO DETECTION RESULT UNTS OUALIFIER OUALIFICATION OUALIFICATION OUALIFICATION OUALIFICATION OUALIFICATION OUALIFICATION OUALIF | 1 10 15 2 | 1 4 4 4 6 6 | 30 | .95 | - % | | 10 1 2 2 3 | | | | , | |
| | | | 1.80 | | | | | | | | LAB | 1 m 2 m 3 |
| SAMPLE MANGER START END COCE Analys CAS NO UMST : RESULT UMTS QUALIFIER CUALIFIER CUALIFIER PRINTS PRINTS CHARGES CAS | LOCATION | State West State | DEPTH | DEPTH | UNIT | | | DETECTION | | 100 | RESULT | VALIDATION |
| \$P\$3976 SP 39780PD | CODE & | | START | END | CODE | Analyte | CAS NO | LIMIT | RESULT | UNITS | | |
| \$P\$397 \$P\$39790P 9 12 FT GROSS BETA 12874742 28 pCPG N N SP\$397 \$P\$39710P 12 FT 14 FT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39700P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39700P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39700P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39700P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39700P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39700P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$397 \$P\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$39740P 10 12 PT GROSS BETA 12874742 18 pCPG N N SP\$39740P 10 PCPG N N SP\$39740P 10 PCPG N N SP\$39740P 10 PCPG N N SP\$39740P N N N SP\$39740P N N N SP\$39740P N N N SP\$39740P N N | The same of the sa | Terroritier . R.A. mil whomp will remained in | -constitution - Consequence | Wagnesserver Comme | to management | The same of the sa | The same of the same of the same of | | | | 5 | · arramani's Xbinna againme ite |
| SP1367 S | | | | · | | | | İ | | | | <u></u> |
| SPISSOR SPISSOROPH 6 10 PT GROSS BETA 1287-47-2 115 C/G N SPISSOR SPISSOROPH 10 12 PT GROSS BETA 1287-47-2 10 C/G N N SPISSOR SPISSOROPH 12 14 PT GROSS BETA 1287-47-2 21 C/G N N SPISSOR SPISSOROPH 12 14 PT GROSS BETA 1287-47-2 21 C/G N N SPISSOR SPISSOROPH 12 14 PT GROSS BETA 1287-47-2 21 C/G N N SPISSOROPH 12 14 PT GROSS BETA 1287-47-2 20 C/G N N SPISSOROPH 12 PT GROSS BETA 1287-47-2 20 C/G N N SPISSOROPH 12 PT GROSS BETA 1287-47-2 20 C/G N N SPISSOROPH 12 PT C/G N N N SPISSOROPH 12 PT C/G N N SPISSOROPH 12 PT C | [| A | | | | | | [| | | 1 | · |
| SPISSOT SPISSOTION | | | | ***** | | ······································ | | | | | ! | · |
| SPISSOT SPISSOT 12 14 FT GROSS BETA 128747-2 21 20/2 N SPISSOT S | \$ | | | | | | | . | | | | <u> </u> |
| \$P\$1867 \$P\$1867 YFR NT 14 17 T GROSS BETA 1287-47-2 30 CDG N \$P\$1867 \$P\$1867 YFR NT 17 20 T 20 T GROSS BETA 1287-47-2 31 CDG N \$P\$1867 \$P\$1867 \$P\$1867 YFR NT 17 20 T 20 T GROSS BETA 1287-47-2 31 CDG U Z \$P\$1869 \$P\$186005AE 6 12 T PLUTONIUM-239 20-0 10-12-8 0.01 0.004 CDG U Z \$P\$186005AE 6 12 T PLUTONIUM-239-20-0 10-12-8 0.05 0.055 CDG U X \$P\$186005AE 6 12 T PLUTONIUM-239-20-0 10-12-8 0.005 0.055 CDG U X \$P\$186005AE 1 T T PLUTONIUM-239-20-0 10-12-8 0.005 0.055 CDG U X \$P\$186005AE 1 T T PLUTONIUM-239-20-0 10-12-8 0.005 0.055 CDG U X \$P\$186005AE 1 T T PLUTONIUM-239-20-0 10-12-8 0.005 0.055 CDG U X \$P\$186005AE 1 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$186005AE 1 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$186005AE 1 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$186005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.015 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.015 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.015 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.015 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-20-0 10-12-8 0.006 0.059 CDG U X \$P\$187005AE 0 T T PLUTONIUM-239-2 | | <u> </u> | | | | | | <u> </u> | | | | |
| SP1587 S | \$ | | | * | | | | | ****************************** | ************ | <u> </u> | |
| 1993 BH400SAE 6 12 FT PLUTONIUM-239240 10-12-8 0.01 0.083 pC/09 V V 1993 BH400SAE 6 12 FT PLUTONIUM-239240 10-12-8 0.005 0.005 pC/09 V V 1993 BH400SAE 6 12 FT PLUTONIUM-239240 10-12-8 0.005 0.005 pC/09 D A 1993 BH400SAE 6 12 FT PLUTONIUM-239240 10-12-8 0.005 0.005 pC/09 D V V V V V V V V V | | | · | | ···· | | | | 30 | pCi/g | 1 | N |
| 191936 | | SP158717BR | 17 | | | • | £ | <u> </u> | 31 | pCi/g | ţ | N |
| 1995 BH4005AE 6 12 FT PLUTONIUM-239240 10-12-8 0.005 0.005 0.007 0.07 B V | 41993 | BH40065AE | 6 | 12 | FT | PLUTONIUM-238 | 13981-16-3 | 0.01 | 0.004 | pCi/g | U | Z |
| \$\frac{1}{2} \text{2} BH40073AE 6 11 FT PLUTONIUM-239/240 10-12-8 0.004 0.04 0.04 0.04 0.07 | 41193 | BH40052AE | 6 | 8 | FI | PLUTONIUM-239/240 | 10-12-8 | 0.01 | 0.83 | pCi/g | } | ٧ |
| Section Sect | 41993 | BH40065AE | 6 | 12 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.005 | 0.005 | pCi/a | j | Α |
| 1819 | 43893 | BH40073AE | 6 | 11 | FT | | 10-12-8 | | | | | |
| 149393 BH40021AE | \$ | \$ | | | | · | £ | i | *************************************** | | • · · · · · · · · · · · · · · · · · · · | |
| 1993 BH4020AE 6 10 FF PLUTONIUM-239/240 10-12-8 0.008 0.039 C/10 G J A 1993 BH4020AE 10 19 FF PLUTONIUM-239/240 10-12-8 0.008 0.039 C/10 G J A 1993 BH4020AE 6 12 FF PLUTONIUM-239/240 10-12-8 0.008 0.039 C/10 G J V 14/193 BH4020AE 6 11 FF PLUTONIUM-239/240 10-12-8 0.0028 166 0.01155 C/10 G J V 14/293 BH4026AE 6 11 FF PLUTONIUM-239/240 10-12-8 0.0028 166 0.01155 C/10 G J V 14/293 BH4026AE 6 16 FF PLUTONIUM-239/240 10-12-8 0.0007 0.001 FC/10 G V 14/2939 BH4026AE 6 8 FF PLUTONIUM-239/240 10-12-8 0.0007 0.001 FC/10 G U V 14/2939 BH4026AE 6 8 FF PLUTONIUM-239/240 10-12-8 0.0007 0.001 FC/10 G U V 14/293 BH4026AE 6 8 FF PLUTONIUM-239/240 10-12-8 0.0007 0.001 FC/10 G U V 14/293 BH40230AE 6 11 FF PLUTONIUM-239/240 10-12-8 0.0011 0.005 FC/10 G U V 14/2939 BH40230AE 6 11 FF PLUTONIUM-239/240 10-12-8 0.0012 0.0028 FC/10 G U A 14/293 BH40233AE 6 12 FF PLUTONIUM-239/240 10-12-8 0.0002 0.0028 FC/10 G U A 14/293 BH40233AE 6 12 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U A 14/293 BH40233AE 6 12 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U A 14/293 BH4023AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U A 14/293 BH4020AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U A 14/293 BH4040AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U A 14/293 BH4040AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U A 14/293 BH4040AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U V 14/293 BH4040AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0002 0.008 FC/10 G U V 14/293 BH4040AE 20 G 23 FF PLUTONIUM-239/240 10-12-8 0.0005 0.009 FC/10 G U V 14/293 BH40 | | <u></u> | | <u> </u> | | | | | | | *************************************** | · |
| 1999 1940/209AE | 3 | | | ····· | | | \$ | | | | <u> </u> | |
| 141993 | L | | | <u></u> | | <u>.</u> | | · | | | | <u> </u> |
| 11793 BH40256AE 6 11 FT PLUTONIUM-239240 10-12-8 0.003 0.013 DC/g V V V V V V V V V | ************************************** | | | | | | ····· | | *************************************** | | J | |
| BH40258AE | <u> </u> | <u> </u> | | | | | · | | | | <u> </u> | <u> </u> |
| 1972 | | | | | | k | d | | | | | |
| A | | | | | | · | · | ^ | | | | |
| ## ## ## ## ## ## ## # | · | ······ | | • | | | 10-12-8 | *···· | | pCi/g | | |
| Head | | BH40264AE | 6 | 8 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.007 | 0.15 | pCi/g | В | Α |
| Heart Hear | 42593 | BH40290AE | 10 | 17 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.007 | 0.001 | pCi/g | U | V |
| HANDSTANE B. 13 FT PLUTONIUM-239/240 10-12-8 0.019 0 pc/g U A A A A A A A A A | 43193 | BH40309AE | 6 | 11 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.011 | | | d | V |
| 13793 BH40335AE 6 12 FT PLUTONIUM-239/240 10-12-8 0.000 0.026 10-026 U A 44093 BH40351AE 20 29 FT PLUTONIUM-239/240 10-12-8 0.009 0.009 0.009 0.009 U A 44093 BH40415AE 20 29 FT PLUTONIUM-239/240 10-12-8 0.002 0.009 0.009 U A 44093 BH40415AE 20 29 FT PLUTONIUM-239/240 10-12-8 0.002 0.009 0.009 U V 44193 BH40430AE 6 8 FT PLUTONIUM-239/240 10-12-8 0.002 0.009 0 | 43393 | BH40324AE | 8 | 13 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.019 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | *************************************** | <u> </u> | Α |
| HA0931 HA0315AE | } | L | | | *************************************** | • | • | 6 | | ••••• | 3 | |
| AB993 | | <u> </u> | | · | | | £ | <u> </u> | | *************************************** | | · |
| ABPS | } | | | | | | | | ······ | | d | |
| | } | | | | *************************************** | | <u></u> | | | | £ | |
| A | } | £ | | | *************************************** | | | å | ************************************** | o | \$11-1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | |
| A | *** | } | | <u> </u> | | ···· | **** | · | | | <u> </u> | |
| A | I | \$ | | | | | | | | · · · · · · · · · · · · · · · · · · · | <u> </u> | |
| 12493 BH4045AE B | | | ~~~~~~~~~~ | <u></u> | ~~~~~~ | | · | | | | | |
| BH40450AE | | | | b | | | **************** | | | | | |
| Separate | 42493 | BH40445AE | 8 | 10 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.007 | | | U | ٧ |
| Separate | 42593 | BH40450AE | 8 | 10 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.005 | -0.001 | pCi/g | U | V |
| 13 FT PLUTONIUM-239/240 10-12-8 0.002 0.003 pC/y 0.005 | 43693 | BH40521AE | 6 | 8 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.007 | -0.001 | pCi/g | U | V |
| 13 FT PLUTONIUM-239/240 10-12-8 0.002 0.003 pC/ig J V | 43693 | BH40522AE | 8 | 10 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.005 | -0.001 | pCi/g | iu · | V |
| A6593 BH40711AE | 43693 | BH40525AE | 10 | 13 | FT | • | 10-12-8 | 0.002 | | | J | V |
| A6593 BH40713AE | \$4 | <u> </u> | | | | | | | | | } | |
| A6693 BH40726AE | | | | | | | J | · | | i | \$ | ************************************ |
| Material | <u> </u> | | | | | · | | | | | | |
| BH40740AE | } | <u> </u> | | | ···· | | | · | | | · · · · · · · · · · · · · · · · · · · | |
| BH40742AE 8 | <u> </u> | | | | | · · · · · · · · · · · · · · · · · · · | | · | | | | |
| Hebrarian | | | | | | K | · | <u> </u> | | | <u> </u> | |
| Hebrary Hebr | · | · | | · | | <u>.</u> | ` | | | | | |
| Hebraron | <u> </u> | | | | | • | \$ | | | | £ | *************************************** |
| BH40768AE | | <u></u> | | · | | <u> </u> | } | <u></u> | | | | |
| Hebrit H | 46893 | BH40754AE | 12 | 12 | FT | | 10-12-8 | 0.00604143 | 0.0007014 | pCi/g | U | V |
| BH40770AE | 46993 | BH40768AE | 6 | 7 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.0188922 | 0.01396 | pCi/g | U | A |
| BH40776AE | 46993 | BH40770AE | | | FT | PLUTONIUM-239/240 | 10-12-8 | 0.00308573 | | | <u> </u> | |
| P207589 SEP0389BR0915 9 15 FT | • | | | | | | • | | | | *************************************** | |
| P207589 SEP0389BR1521 15 | | | | | | | | in | | | | ····· |
| P208889 SEP1689BR1016 10 15 FT PLUTONIUM-239/240 10-12-8 0 pC/g P208989 SEP1789BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 pC/g U P209089 SEP1889BR1218 12 18 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P209089 SEP1889BR1824 18 24 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g U P209189 SEP1889BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.07 pC/g D P209189 SEP1989BR1622 16 22 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g D P209489 SEP2289BR0912 9 12 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g D P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g D P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 | | ······································ | | | | | | k | | | | |
| P209899 SEP1789BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 DCVg P209089 SEP1889BR1218 12 18 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209089 SEP1889BR1824 18 24 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209189 SEP1989BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.07 DCVg P209189 SEP1989BR1022 16 22 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P209489 SEP2289BR0912 9 12 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209489 SEP289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209489 SEP289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209489 SEP289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209489 SEP289BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 DCVg P209889 SEP289BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 PCVg P209889 SEP289BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 PCVg P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 DCVg | } | · · · · · · · · · · · · · · · · · · · | | · | ~~~~~~ | | <u> </u> | 0.01 | | | | |
| P209089 SEP1889BR1218 12 18 FT PLUTONIUM-239/240 10-12-8 0.01 0 | | | | | | | \$ | | | | | |
| P209089 SEP1889BR1824 18 24 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209189 SEP1989BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.07 pCi/g P209189 SEP1989BR1622 16 22 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g P209489 SEP2289BR0912 9 12 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR166 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g U P209489 SEP2289BR1616 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP289BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP289BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0.00 pCi/g P209889 SEP289BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g P209489 SEP289BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pCi/g P210189 SEP3089BR91521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g | | | | | | | | <u> </u> | | | | |
| P209189 SEP1989BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.07 pCi/g P209189 SEP289BR0912 9 12 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209489 SEP2289BR1015 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209589 SEP289BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g P209889 SEP289BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.00 pCi/g P209889 SEP289BR016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.00 pCi/g P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pCi/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g | | · · · · · · · · · · · · · · · · · · · | | | | | | *************************************** | | | U | |
| P209189 SEP1989BR1622 16 22 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g P209489 SEP2289BR0912 9 12 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209589 SEP289BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209589 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.07 pC/g P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pC/g P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pC/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pC/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g | <u></u> | (| · | · | ······································ | | <u> </u> | | **** | | | · |
| P209489 SEP2289BR0912 9 12 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g D P209589 SEP2389BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g D P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pC/g D P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pC/g D P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g D | • · · · · · · · · · · · · · · · · · · · | | | | | | · | | | | | |
| P209489 SEP2289BR1213 12 13 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g DC/g P209589 SEP2389BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pC/g D P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pC/g D P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g D | | SEP1989BR1622 | 16 | 22 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.01 | 0.04 | pCi/g | | |
| P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g U P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g 0 P209589 SEP2389BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g 0 P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g 0 P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g 0 P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g 0 P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g 0 | P209489 | SEP2289BR0912 | 9 | 12 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.01 | 0.01 | pCi/g | | |
| P209489 SEP2289BR1416 14 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g U P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pCi/g 0 P209589 SEP2389BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g 0 P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pCi/g 0 P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g 0 P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g 0 P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g 0 | P209489 | SEP2289BR1213 | 12 | 13 | FT | | A | 0.01 | ************************ | | | *************************************** |
| P209489 SEP2289BR1621 16 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.01 pC/g P209589 SEP2389BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0 pC/g P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pC/g PC/g P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pC/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g | | | ~~~~ | | | ······································ | ···· | <u> </u> | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | U | ······································ |
| P209589 SEP2389BR1015 10 14 FT PLUTONIUM-239/240 10-12-8 0 PCi/g P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 PCi/g U P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 PCi/g P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 PCi/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 PCi/g | S | | | h | | | | | | | | |
| P209889 SEP2689BR1016 10 16 FT PLUTONIUM-239/240 10-12-8 0.01 0 pC/g U P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pC/g PC/g P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pC/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/g | *************************************** | | | · | | · | \$4\\-\- | 0.01 | ****************** | | | |
| P210189 SEP3089BR0915 9 15 FT PLUTONIUM-239/240 10-12-8 0.01 0.7 pCi/g P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pCi/g P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g | | | H 191 411141 PARAMENTAL | | | | | | | | 11 | |
| P210189 SEP3089BR1521 15 21 FT PLUTONIUM-239/240 10-12-8 0.01 0.08 pC/ȳg P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pC/ȳg | | · | | | | | (~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | U | |
| P210189 SEP3089BR2127 21 27 FT PLUTONIUM-239/240 10-12-8 0.01 0.04 pCi/g | | \$1 | | | | | ************************ | | | | | |
| and the contract of the contra | <u></u> | ····· | | | | | | · | | | | ······································ |
| P210289 SEP3189BR1319 13 19 FT PLUTONIUM-239/240 10-12-8 0.02 0.05 pCi/g | } | | | | | ······································ | } | | **************************** | | | |
| | P210289 | SEP3189BR1319 | 13 | 19 | FT | PLUTONIUM-239/240 | 10-12-8 | 0.02 | 0.05 | pCi/g | | |

| | Table A.11 Sol | ar Evapo | ration P | onds AC | C - Analytical Results | for Subsurfac | e Soils Greate | r Than 6 Fee | t - Radi | onuclides | |
|---|--------------------------|----------|---|----------|---|---------------------------------------|----------------|------------------------------------|----------------|-----------|---|
| 7 1 | | | | * * | | | | A Report | in a second | LAB | 8.49 |
| LOCATION | 8 - G & *** | DEPTH | DEPTH | UNIT | 化电子电子 医皮肤 医二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲二甲 | 9 4 | DETECTION | | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | - meteron money and the | CODE | | | UMIT | | UNITS | QUALIFIER | QUALIFIER |
| | SP018711DH | 10 | | | PLUTONIUM-239/240 | | | | pCi/g | <u> </u> | |
| SP0187 SP0187 | SP018713DH SP018716BR | 13 15 | | FT FT | | 10-12-8 | | | pCi/g pCi/g | i I | |
| | SP018721DH | 20 | | FT | | 10-12-8 | | | pCi/g | | |
| • · · · · · · · · · · · · · · · · · · · | SP018723DH | 23 | | FT | | 10-12-8 | | | pCi/g | | |
| | SP028708UC | 8 | | FT | PLUTONIUM-239/240 | 10-12-8 | | -0.02 | pCi/g | | |
| SP0287 | SP028711CT | 10 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0287 | SP028713BR | 13 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0387 SP0387 | SP038711DH SP038713CT | 10 13 | | FT FT | | 10-12-8 10-12-8 | | | pCi/g pCi/g | | |
| | SP038716BR | 15 | | | | 10-12-8 | | | pCi/g | | |
| SP0487 | SP048707DH | 7 | | | | 10-12-8 | | | pCi/g | | |
| SP0487 | SP048712DH | 12 | *************************************** | FT | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 10-12-8 | | -0.03 | pCi/g | | |
| SP0487 | SP048717DH | 17 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0487 SP0487 | SP048720DH SP048722DH | 20 22 | | FT FT | ······································ | 10-12-8 10-12-8 | | -0.06 | pCi/g pCi/g | 1 | *************************************** |
| | SP048725DH | 24 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0487 | SP048727DH | 27 | | FT FT | | 10-12-8 | , | | pCi/g | | |
| SP0487 | SP048730DH | 30 | | FT | | 10-12-8 | | | pCi/g | | |
| | SP048732DH | 32 | ********* | FT | | 10-12-8 | | -0.02 | pCi/g | | |
| | SP058707DH | 7 | | FI | | 10-12-8 | | | pCi/g | | |
| SP0587 SP0587 | SP058710DH SP058712DH | 10 13 | | FT FT | PLUTONIUM-239/240 PLUTONIUM-239/240 | 10-12-8 10-12-8 | | | pCi/g pCi/g | | |
| | SP058716DH | 15 | | FT | | 10-12-8 | ! | | pCi/g | 1 | |
| | SP068708DH | 8 | | FΪ | | 10-12-8 | | | pCi/q | | |
| | SP068711DH | 10 | 12 | FT | | 10-12-8 | | | pCi/g | | |
| | SP068713DH | 13 | | FT | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 10-12-8 | | | pCi/g | | |
| SP0687 | SP068716DH | 16 | | | | 10-12-8 | | | pCi/g | | |
| SP0687 SP0687 | SP068718DH SP068721DH | 18 20 | | FT FT | | 10-12-8 10-12-8 | | | pCi/g pCi/g | | |
| | SP068724DH | 23 | | FT | | 10-12-8 | | | pCi/g | | |
| | SP068726DH | 26 | | FĪ | | 10-12-8 | | | pCl/g | | |
| | SP078711DH | 10 | | FT | | 10-12-8 | | | ρCi/g | | |
| SP0787 | SP078713DH | 13 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0787 SP0787 | SP078716DH SP078718WT | 16 18 | | FT FT | PLUTONIUM-239/240 PLUTONIUM-239/240 | 10-12-8 | | | pCi/g pCi/g | 1 | |
| SP0787 | SP078721CT | 20 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0787 | SP078723BR | 23 | | FT | ······································ | 10-12-8 | | | pCi/g | | |
| SP0787 | SP078726DH | 26 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0887 | SP088706CT | 7 | | FT | | 10-12-8 | | | pCi/g | | |
| SP0887 SP0987 | SP088709BR SP098706CT | 9 | | FT FT | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 10-12-8 10-12-8 | | | pCi/g pCi/g | | |
| | SP098708BR | 8 | | FT | | 10-12-8 | | | pCi/g | | |
| | SP108707DH | 7 | | FT | | 10-12-8 | | | pCi/g | | |
| SP1087 | SP108709DH | 9 | 11 | FT | PLUTONIUM-239/240 | 10-12-8 | | | pCi/g | | *************************************** |
| | SP108711DH | 11 | | FT | PLUTONIUM-239/240 | · · · · · · · · · · · · · · · · · · · | | | pCi/g | | |
| SP1087 | SP108713DH | 13 | | FT | PLUTONIUM-239/240 | · | | | pCi/g | | |
| | SP108715DH SP108717DH | 15 17 | | | PLUTONIUM-239/240 PLUTONIUM-239/240 | 10-12-8 | | | pCi/g pCi/q | | |
| SP1087 | SP108717DH | 19 | | FT | | 10-12-8 | | | pCi/g | | |
| | SP108721WT | 21 | | FT | | 10-12-8 | | | pCi/g | | |
| | SP108723DH | 23 | | FT | | 10-12-8 | | | pCi/g | | |
| SP1087 | SP108724DH | 24 | | | | 10-12-8 | | | pCi/g | | |
| SP1387 SP1387 | SP138706DH | 6 | | FT | | 10-12-8 | | | pCi/g | | |
| SP1387 SP1387 | SP138709DH SP138711DH | 9 12 | | FT FT | | 10-12-8 10-12-8 | | | pCi/g pCi/g | | |
| | SP158708DH | 8 | | | | 10-12-8 | | | pCi/g | | ****************************** |
| SP1587 | SP158710DH | 10 | 12 | | | 10-12-8 | | | pCi/g | | ······································ |
| SP1587 | SP158712WT | 12 | 14 | FT | | 10-12-8 | | -0.04 | pCi/g | | |
| SP1587 | SP158714CT | 14 | | | | 10-12-8 | | | pCi/g | | |
| SP1587 | SP158717BR | 17 | | | | 10-12-8 | | | pCi/g | | |
| 41193 43893 | BH40052AE BH40073AE | 6 6 | | | | 13982-63-3 13982-63-3 | 0.45 0.41 | | pCi/g pCi/g | | A A |
| 43093 42193 | BH40086AE | 10 | | | | 13982-63-3 | 0.41 | ···· | pCi/g | | <u>^</u> |
| 42193 | BH40091AE | 16 | | | ////////////////////////////////////// | 13982-63-3 | 0.26 | ********************************** | pCi/g | | v |
| 40993 | BH40204AE | 6 | 10 | FT | | 13982-63-3 | 0.36 | | pCi/g | | V |
| 40993 | BH40206AE | 10 | 19 | FT | RADIUM-226 | 13982-63-3 | 0.23 | 0.4 | pCi/g | J | V |



| | Table A.11 Sol | ar Evapo | ration P | onds AC | C - Analytical Results | for Subsurfac | e Soils Greate | r Than 6 Fee | et - Radi | onuclides | |
|---|---------------------------------------|----------|---|---|---|--------------------------|----------------|--|--------------------|----------------------------------|----------------------|
| | | | , ž. | 1, 0 | * * * * * | arra gala | | 4 . 8 | | 1 1 1 | |
| LOCATION | n file til eller Vilk vilk kiv kil | DEDTH | DEPTH | LIMITE | | | DETECTION | * * * * | | LAB | WALIDATION |
| CODE | SAMPLE NUMBER | | | CODE | Analyte | CAS NO | DETECTION | RESULT | LINITE | RESULT QUALIFIER | VALIDATION OUALIFIER |
| 41693 | BH40220AE | 6 | | | RADIUM-226 | 13982-63-3 | 0.37 | The State of | " on the ne wanto" | manuscratificate to a second day | V |
| 41793 | BH40246AE | 6 | · | <i></i> | RADIUM-226 | 13982-63-3 | 0.34 | | | | i V |
| 42393 | BH40264AE | 6 | · | d., | RADIUM-226 | 13982-63-3 | 0.42 | | pCi/g | | A |
| 42593 | BH40290AE | 10 | | | RADIUM-226 | 13982-63-3 | 0.26 | | pCi/g | | V |
| 43193 | BH40309AE | 6 | L | | RADIUM-226 | 13982-63-3 | 0.45 | *********** | pCi/g | | V |
| 43393 | BH40324AE | 8 | 13 | FT | RADIUM-226 | 13982-63-3 | 0.45 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | | ٧ |
| 43793 | BH40335AE | 6 | 12 | FT | RADIUM-226 | 13982-63-3 | 0.34 | 0.62 | pCi/g | | ٧ |
| 40993 | BH40415AE | 20 | | | RADIUM-226 | 13982-63-3 | 0.21 | 0.63 | pCi/g | | V |
| 40993 | BH40416AE | 31 | | | | 13982-63-3 | 0.21 | 0.93 | pCi/g | | ٧ |
| 41593 | BH40424AE | 6 | | | RADIUM-226 | 13982-63-3 | 0.34 | 0.53 | pCi/g | | ٧ |
| 42193 | BH40430AE | 22 | | | RADIUM-226 | 13982-63-3 | 0.3 | ····· | pCi/g | | V |
| | BH40432AE | 6 | | FT | RADIUM-226 | 13982-63-3 | 0.31 | | ÷ | | V |
| 42193 | BH40433AE | 28 | | *************************************** | RADIUM-226 | 13982-63-3 | 0.32 | **** | pCi/g | | V |
| 42493 42593 | BH40445AE | 8 | ···- | · | RADIUM-226 | 13982-63-3 | 0.33 | M-1-1-411-1411-1-14-1111-1-1-1-1111-1-1 | pCi/g | | V |
| 43693 | BH40450AE BH40521AE | 6 | | | RADIUM-226 RADIUM-226 | 13982-63-3 13982-63-3 | 0.32 0.38 | 5+ ************* | pCi/g | | V |
| 43693 | BH40522AE | 8 | | | RADIUM-226 | 13982-63-3 | 0.36 | | pCi/g pCi/g | | V V |
| 43693 | BH40525AE | 10 | | | RADIUM-226 | 13982-63-3 | 0.41 | | pCi/g | | V |
| 46593 | BH40711AE | 9 | ··· | | RADIUM-226 | 13982-63-3 | 0.228 | | | | v |
| 46593 | BH40713AE | 11 | <u> </u> | | RADIUM-226 | 13982-63-3 | 0.326 | 1.954 | | | V |
| 46693 | BH40726AE | 7 | | | RADIUM-226 | 13982-63-3 | 0.269 | | | | ٧ |
| 46693 | BH40728AE | 9 | 15 | | RADIUM-226 | 13982-63-3 | 0.229 | | | | V |
| 46793 | BH40740AE | 6 | 8 | FT | RADIUM-226 | 13982-63-3 | 0.234 | 1.918 | pCi/g | X | A |
| 46793 | BH40742AE | 8 | 15 | FT | RADIUM-226 | 13982-63-3 | 0.217 | 2.337 | pCi/g | Х | Α |
| 46893 | BH40748AE | 7 | | | RADIUM-226 | 13982-63-3 | 0.19 | 1.623 | pCi/g | X | Α |
| 46893 | BH40749AE | 9 | | | RADIUM-226 | 13982-63-3 | 0.179 | | | X | Α |
| 46893 | BH40754AE | 12 | | | RADIUM-226 | 13982-63-3 | 0.241 | | | | Α |
| | BH40768AE | 6 | | | RADIUM-226 | 13982-63-3 | 0.265 | | | | A |
| 46993 | BH40770AE | 7 | | · | RADIUM-226 | 13982-63-3 | 0.186 | ******* | * > | | A |
| 47093 P207589 | BH40776AE SEP0389BR0915 | 7 | | | | 13982-63-3 | 0.147 | | | X | A |
| P207589 | SEP0389BR1521 | 15 | | | | 13982-63-3 13982-63-3 | 0.1 0.1 | | pCi/g pCi/g | | |
| P208889 | SEP1689BR1016 | 10 | | | | 13982-63-3 | , | | pCi/g | | , |
| P208989 | SEP1789BR0915 | 9 | | | RADIUM-226 | 13982-63-3 | | | pCi/g | | |
| { | SEP1889BR1218 | 12 | | | | 13982-63-3 | 0.1 | | pCi/q | | |
| P209089 | SEP1889BR1824 | 18 | ****** | | | 13982-63-3 | 0.1 | | pCi/g | | |
| P209189 | SEP1989BR1016 | 10 | 16 | FT | RADIUM-226 | 13982-63-3 | 0.1 | 0.7 | pCi/g | | |
| | SEP1989BR1622 | 16 | | | RADIUM-226 | 13982-63-3 | . 0.1 | 0.8 | pCi/g | | |
| P209489 | SEP2289BR0912 | 9 | | | RADIUM-226 | 13982-63-3 | 0.1 | 0.7 | pCi/g | | |
| P209489 | SEP2289BR1213 | 12 | | | RADIUM-226 | 13982-63-3 | 0.1 | ************************* | pCi/g | | |
| P209489 | SEP2289BR1416 | 14 | | | RADIUM-226 | 13982-63-3 | 0.1 | | pCi/g | | |
| P209489 | SEP2289BR1621 | 16 | | remaria merena anno mi | RADIUM-226 | 13982-63-3 | 0.1 | | pCi/g | , | |
| P209589 | SEP2389BR1015 | 10 | 2014 | ······································ | ······································ | 13982-63-3 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | | |
| P209889 P210189 | SEP2689BR1016 SEP3089BR0915 | 10 9 | Ç | • | RADIUM-226 RADIUM-226 | 13982-63-3 | 0.1 | | pCi/g | | |
| | SEP3089BR1521 | 15 | | | · | 13982-63-3 13982-63-3 | 0.1 | | pCi/g | | |
| P210189 | SEP3089BR2127 | 21 | | | | 13982-63-3 | 0.1 | | pCvg pCi/g | | |
| P210289 | SEP3189BR0713 | 7 | | | ***** ******************************** | 13982-63-3 | 0.1 | ····· | pCi/g | | |
| P210289 | SEP3189BR1319 | 13 | <u> </u> | | RADIUM-226 | 13982-63-3 | 0.1 | | pCi/g | | |
| 41193 | BH40052AE | 6 | | | | 15262-20-1 | 0.92 | | pCi/g | | V |
| | BH40073AE | 6 | | | RADIUM-228 | 15262-20-1 | 0.73 | **************************** | pCi/g | | v |
| 42193 | BH40086AE | 10 | | <u> </u> | RADIUM-228 | 15262-20-1 | 0.76 | | pCi/g | | V |
| 42193 | BH40091AE | 16 | 4 | | RADIUM-228 | 15262-20-1 | 0.68 | | pCi/g | | v |
| 40993 | BH40204AE | 6 | 10 | FT | RADIUM-228 | 15262-20-1 | 0.72 | | pCi/g | | V |
| 40993 | BH40206AE | 10 | | | | 15262-20-1 | 0.51 | | pCi/g | | V |
| 41693 | BH40220AE | 6 | | | RADIUM-228 | 15262-20-1 | 0.99 | | pCi/g | | V |
| 41793 | BH40246AE | 6 | | | RADIUM-228 | 15262-20-1 | 0.74 | | pCi/g | | V |
| 42293 | BH40256AE | 6 | | | RADIUM-228 | 15262-20-1 | 0.21 | 1.494 | | | A |
| 42293 | BH40258AE | 11 | | | RADIUM-228 | 15262-20-1 | 0.12 | 1.036 | | | A |
| | BH40264AE | 6 | | | RADIUM-228 | 15262-20-1 | 0.83 | | pCi/g | | V |
| 42593 | BH40290AE | 10 | | *** | | 15262-20-1 | . 0.69 | | pCi/g | | <u>V</u> |
| 43193 | BH40309AE | 6 | ~ · · · · · · · · · · · · · · · · · · · | | | 15262-20-1 | 0.91 | *************************************** | pCi/g | | V |
| | BH40324AE BH40335AE | 8 6 | | | RADIUM-228 RADIUM-228 | 15262-20-1 15262-20-1 | 0.77 0.83 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | | <u>V</u> |
| *************************************** | BH40351AE | 6 | | | | 15262-20-1 | 0.83 | 2.2 0.7409 | pCi/g | | V |
| · | BH40415AE | 20 | | | RADIUM-228 | 15262-20-1 | 0.093 | | pCi/g | | A V |
| 40993 | BH40416AE | 20 31 | | | RADIUM-228 | 15262-20-1 | 0.49 | | pCi/g | | V |
| | 1 | <u></u> | | | · · · · · · · · · · · · · · · · · · · | . 3202,20-1 | U.JZ) | 1.1 | PUB [| <u> </u> | <u> </u> |

| | Table A.11 Sol | ar Evapo | ration Por | nds AC | DC - Analytical Results | for Subsurfa | ce Soils Greate | r Than 6 Fee | t - Radi | onuclides | |
|----------------|--------------------------------|--------------------------|--------------|---|--|--------------------------|-----------------------|---|----------------|--|---|
| 29 S 11 38 | * * * * | | 4 19 14 1 | * * | | 1244 | 4 4 4 | | 3 142 3 | LAB | |
| LOCATION | iner* bevolen. Somern Z | DEPTH | DEPTH | UNIT | | * * * | DETECTION | 1 × 4 0 | 9 9 . | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | all a secretarion of the | . Ale | ODE | Analyte | CAS NO | J UMIT | RESULT | | QUALIFIER | OUALIFIER |
| 42193 42193 | BH40430AE BH40432AE | 22 6 | | | | 15262-20-1 15262-20-1 | 0.64 | | pCi/g pCi/g | <u> </u> | V |
| | BH40433AE | 28 | | | RADIUM-228 | 15262-20-1 | 0.47 | | pCi/q | } | V |
| | BH40445AE | 8 | | ··· | RADIUM-228 | 15262-20-1 | 0.92 | | pCi/g | <u> </u> | V |
| · | BH40450AE | 8 | | | RADIUM-228 | 15262-20-1 | 1 | | pCi/g | <u> </u> | V |
| | BH40521AE | 6 | | | RADIUM-228 | 15262-20-1 | 0.77 | | pCi/g | · | V |
| | BH40522AE BH40525AE | 8 10 | | | RADIUM-228 RADIUM-228 | 15262-20-1 15262-20-1 | 0.79 | | pCi/g pCi/a | · | V V |
| | BH40711AE | 9 | | | RADIUM-228 | 15262-20-1 | 0.102 | ************ | · | | V |
| | BH40713AE | 11 | | | RADIUM-228 | 15262-20-1 | 0.157 | | | X | V |
| | BH40726AE | 7 | | | RADIUM-228 | 15262-20-1 | 0.128 | 1.322 | | | V |
| | BH40728AE | 9 | | | RADIUM-228 | 15262-20-1 | 0.116 | 1.402 | | \$ | V |
| | BH40740AE BH40742AE | 6 8 | | | RADIUM-228 RADIUM-228 | 15262-20-1 15262-20-1 | 0.105 0.084 | | | | V V |
| | BH40748AE | 7 | | | RADIUM-228 | 15262-20-1 | 0.091 | | <u></u> | | v |
| 46893 | BH40749AE | 9 | 11 F | Т | RADIUM-228 | 15262-20-1 | 0.064 | 1.226 | pCi/g | X | V |
| | BH40754AE | 12 | | | RADIUM-228 | 15262-20-1 | 0.127 | ~~~~~~~~~ | | X | V |
| | BH40768AE | . 6 | | | RADIUM-228 RADIUM-228 | 15262-20-1 15262-20-1 | 0.126 | | | X | V |
| | BH40770AE BH40776AE | 7 | | ···· | | 15262-20-1 | 0.087 | 1.409 0.7811 | | X | <u>v</u> |
| | SEP0389BR0915 | 9 | | | RADIUM-228 | 15262-20-1 | 0.031 | | pCi/g | | * |
| | SEP0389BR1521 | 15 | | *************************************** | RADIUM-228 | 15262-20-1 | 0.1 | | pCi/g | | |
| | SEP1689BR1016 | 10 | | *************************************** | RADIUM-228 | 15262-20-1 | 0.1 | | pCi/g | | |
| | SEP1789BR0915 | 9, | | | RADIUM-228 | 15262-20-1 | 0.1 | | pCi/g | | |
| | SEP1889BR1218 SEP1889BR1824 | 12 18 | 18 F 24 F | | RADIUM-228 RADIUM-228 | 15262-20-1 15262-20-1 | 0.4 | | pCi/g pCi/g | | |
| | SEP1989BR1016 | 1,0 | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 15262-20-1 | 0.4 | | pCi/g | | |
| | SEP1989BR1622 | 16 | 22 F | | RADIUM-228 | 15262-20-1 | 0.4 | | pCi/g | | *************************************** |
| | SEP2289BR0912 | 9 | | | RADIUM-228 | 15262-20-1 | 0.1 | | pCi/g | | |
| | SEP2289BR1213 | 12 | 13 F | | RADIUM-228 | 15262-20-1 | 0.4 | *************************************** | pCi/g | | |
| | SEP2289BR1416 SEP2289BR1621 | 14 16 | 16 F 21 F | | RADIUM-228 RADIUM-228 | 15262-20-1 15262-20-1 | 0.1 | | pCi/g pCi/g | 1 | |
| | SEP2389BR1015 | 10 | · 14 F | | | 15262-20-1 | 0.4 | | pCi/g | | |
| | SEP2689BR1016 | 10 | 16 F | | | 15262-20-1 | 0.4 | | pCi/g | | ······································ |
| | SEP3089BR0915 | 9 | | | | 15262-20-1 | 0.4 | | pCi/g | | |
| | SEP3089BR1521 | 15 | 21 F | | | 15262-20-1 | 0.1 | | pCi/g | | |
| | SEP3089BR2127 SEP3189BR0713 | 21 7 | | | | 15262-20-1 15262-20-1 | 0.4 | | pCi/g pCi/g | | |
| | SEP3189BR1319 | 13 | 19 F | | | 15262-20-1 | 0.4 | | pCi/g | | |
| | BH40052AE | 6 | | ~~~ | | 11-10-9 | 0.36 | | | J | V |
| | BH40065AE | 6 | | | | 11-10-9 | 0.2 | 0.005 | | | V |
| | BH40073AE | 6 | | | | 11-10-9 | 0.57 | *************************************** | <u> </u> | | J |
| | BH40086AE BH40091AE | 10 16 | 16 F 22 F | | | 11-10-9 11-10-9 | 0.26 0.28 | | pCi/g pCi/g | | <u>A</u> |
| | BH40204AE | 6 | | | | 11-10-9 | 0.26 | | | J | A |
| | BH40206AE | 10 | | | | 11-10-9 | 0.24 | | | <u> </u> | A |
| | BH40220AE | 6 | | | | 11-10-9 | 0.37 | 0.49 | pCi/g | BJ | A |
| | BH40246AE | 6 | | | | 11-10-9 | 0.41 | | | £ prospect to appropriate propriate processing | A |
| | BH40256AE BH40258AE | 6 11 | 11 F 13 F | | | 11-10-9 11-10-9 | 0.0428865 0.053286 | 0.1634 0.2596 | | | <u>A</u> A |
| | BH40264AE | 6 | 13 F | | | 11-10-9 | 0.053266 | ···· | | | <u>A</u> A |
| | BH40290AE | 10 | 17 F | | | 11-10-9 | 0.35 | ~~~~ | | | <u>A</u> |
| | BH40309AE | 6 | 11 F | ******* | | 11-10-9 | 0.31 | 0.88 | pCi/g | BJ | A |
| | BH40324AE | 8 | | | | 11-10-9 | 0.28 | | | | V |
| | BH40335AE BH40351AE | 6 | 12 F 10 F | | | 11-10-9 11-10-9 | 0.31 | 0.27 0.02795 | | | <u>A</u> |
| | BH40415AE | 20 | 10 F 29 F | | | 11-10-9 | 0.0443462 | | | | V A |
| | BH40416AE | 31 | 35 F | | | 11-10-9 | 0.34 | | | | <u>A</u> |
| 41593 | BH40424AE | 6 | 8 F | Т | STRONTIUM-89,90 | 11-10-9 | 0.25 | 0.24 | pCi/g | U | V |
| | BH40430AE | 22 | 28 F | | | 11-10-9 | 0.35 | | | | A |
| | BH40432AE | 6 | | | | 11-10-9 | 0.34 | | | | <u>V</u> |
| | BH40433AE BH40445AE | 28 8 | 31 F 10 F | | | 11-10-9 11-10-9 | 0.29 | | | | A V |
| | BH40450AE | 8 | 10 F | ····· | | 11-10-9 | 0.29 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | <u>v</u> V |
| | BH40521AE | 6 | | | | 11-10-9 | 0.31 | | | | <u> </u> |
| | BH40522AE | 8 | 10 F | | | 11-10-9 | 0.6 | 0.41 | pCi/g | | J |
| 43693 | BH40525AE | 10 | 13 F | T | STRONTIUM-89,90 | 11-10-9 | 0.29 | 0.28 | pCi/g | U | V |

| | Table A.11 Sol | ar Evapo | ration Po | | OC - Analytical Results | for Subsurfac | ce Soils Greate | r Than 6 Fee | t - Radi | onuclides | |
|--|--------------------------|----------|--|--|------------------------------------|--------------------|------------------------|---|---|--|---|
| LOCATION | | DEPTH | перты | UNIT | | | DETECTION | | · * * * * * | LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | | CODE | Analyte | CAS NO | LIMIT | RESULT | ÜNITS | QUALIFIER | QUALIFIER |
| 46593 | BH40711AE | 9 | | ······································ | STRONTIUM-89,90 | 11-10-9 | 0.0381691 | 0.2754 | pCi/g | The second secon | A |
| 46593 | BH40713AE | 11 | | | STRONTIUM-89,90 | 11-10-9 | 0.038436 | 0.1207 | | | A |
| 46693 | BH40726AE | 7 | | FT | STRONTIUM-89,90 | 11-10-9 | 0.0409981 | 0.2121 | | | A |
| 46693 46793 | BH40728AE BH40740AE | 9 | | FI FT | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 | 0.0411919 0.0377738 | 0.6411 0.281 | *************************************** | | A · |
| 46793 | BH40742AE | 8 | | | STRONTIUM-89,90 | 11-10-9 | 0.0411695 | 0.2222 | | · | A |
| 46893 | BH40748AE | 7 | | FT | STRONTIUM-89,90 | 11-10-9 | 0.0524056 | 0.3162 | | | A |
| 46893 | BH40749AE | 9 | l | | STRONTIUM-89,90 | 11-10-9 | 0.05323 | 0.09154 | | | A |
| 46893 | BH40754AE | 12 | <u> </u> | | <u></u> | 11-10-9 | 0.0572073 | 0.1303 | | | A |
| 46993 46993 | BH40768AE BH40770AE | 6 7 | | FT - | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | 0.0411791 0.0563396 | 0.1645 0.08669 | *************************************** | | A |
| ······································ | BH40776AE | 7 | | FT | STRONTIUM-89,90 | 11-10-9 | 0.0383398 | 0.08009 | | | A |
| | SEP1689BR1016 | 10 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| P208989 | SEP1789BR0915 | 9 | 15 | FT | STRONTIUM-89,90 | 11-10-9 | | 0.1 | pCi/g | | |
| | SEP2389BR1015 | 10 | • | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0187 | SP018711DH | 10 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| SP0187 SP0187 | SP018713DH SP018716BR | 13 15 | <u> </u> | ***** | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 | | | pCi/g pCi/g | | |
| | SP018721DH | 20 | i | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0187 | SP018723DH | 23 | · | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| | SP028708UC | 8 | | | <u> </u> | 11-10-9 | | | pCi/g | | |
| SP0287 | SP028711CT | 10 | | | STRONTIUM-89,90 | 11-10-9 | ļ | | pCi/g | | |
| SP0287 SP0387 | SP028713BR SP038711DH | 13 10 | · | | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | ļ | | pCi/g pCi/g | | |
| | SP038711DH SP038713CT | 13 | | ··· | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0387 | SP038716BR | 15 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0487 | SP048707DH | 7 | | FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| | SP048712DH | 12 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0487 | SP048717DH | 17 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g pCi/g | | |
| | SP048720DH SP048722DH | 20 22 | · | | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | | | pCi/g | | |
| SP0487 | SP048725DH | 24 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0487 | SP048727DH | 27 | ···· | FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0487 | SP048730DH | 30 | è | | | 11-10-9 | | | pCi/g | | |
| SP0487 | SP048732DH | 32 | | FT FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | w |
| SP0587 SP0587 | SP058707DH SP058710DH | 7 10 | i | | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | | | pCi/g pCi/g | | |
| SP0587 | SP058712DH | 13 | in an armining the second | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0587 | SP058716DH | 15 | 17 | FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0687 | SP068708DH | 8 | i | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0687 | SP068711DH | 10 | · | | STRONTIUM-89,90 | 11-10-9 | - | | pCi/g | | |
| SP0687 SP0687 | SP068713DH SP068716DH | 13 16 | | | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | | | pCi/g pCi/g | | |
| SP0687 | SP068718DH | 18 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0687 | SP068721DH | 20 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | y ************************************ | |
| SP0687 | SP068724DH | 23 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0687 | SP068726DH | 26 | · | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0787 SP0787 | SP078711DH SP078713DH | 10 13 | Conservation and the conservation of the conse | | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | | | pCi/g pCi/g | | |
| SP0787 | SP078716DH | 16 | · | | STRONTIUM-89,90 | 11-10-9 | <u> </u> | | pCi/g | | ····· |
| SP0787 | SP078718WT | 18 | *************************************** | ***************** | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0787 | SP078721CT | 20 | ····· | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| | SP078723BR | 23 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | ····· |
| SP0787 SP0887 | SP078726DH SP088706CT | 26 7 | | FT FT | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | | | pCi/g pCi/g | | *************************************** |
| SP0887 SP0887 | SP088706C1 | 9 | ··· | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP0987 | SP098706CT | 6 | | FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | v4 | |
| SP0987 | SP098708BR | 8 | 11 | | STRONTIUM-89,90 | 11-10-9 | | -0.1 | pCi/g | | |
| SP1087 | SP108707DH | 7 | | FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | *** |
| SP1087 | SP108709DH | 9 | · | | STRONTIUM-89,90 | 11-10-9 | <u> </u> | | pCi/g | | |
| SP1087 SP1087 | SP108711DH SP108713DH | 11 13 | <u> </u> | | STRONTIUM-89,90 STRONTIUM-89,90 | 11-10-9 11-10-9 | | | pCi/g pCi/g | | |
| SP1087 | SP108715DH | 15 | | | STRONTIUM-89,90 | 11-10-9 | | *************************************** | pCi/g | | |
| SP1087 | SP108717DH | 17 | | | STRONTIUM-89,90 | 11-10-9 | 1 | | pCi/g | | |
| SP1087 | SP108719DH | 19 | 21 | FT | STRONTIUM-89,90 | 11-10-9 | | -0.3 | pCi/g | | |
| SP1087 | SP108721WT | 21 | | | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP1087 | SP108723DH | 23 | 24 | FT | STRONTIUM-89,90 | 11-10-9 | | 0.4 | pCi/g | | |

| , | Table A.11 Sol | ar Evapo | ration P | onds A | DC - Analytical Results 1 | for Subsurfac | e Soils Greate | r Than 6 Fee | et - Radi | onuclides | |
|--|--------------------------------|-----------|--|-----------|--|--------------------------|-----------------|--|----------------|---|----------------------|
| 3 10 3 | \$ 5 E 11 | 4° 9 | 1 , | 3 45 | | | | | 3 | * 1 | e granding of |
| LOCATION | J. W. J. B. B. B. W. W. | DEPTH | 1 1 | 4 | | | DETECTION | | | LAB | |
| CODE | SAMPLE NUMBER | | | | Analyte | | DETECTION UMIT | | | RESULI: | VALIDATION OUALIFIER |
| The same with a rither matter | SP108724DH | 24 | | | | 11-10-9 | J. S. CIMITY W. | | pCi/g | CONTLIER | OUALIFIER |
| | SP138706DH | 6 | *************************************** | | · | 11-10-9 | 1 | | pCi/g | 1 | |
| | SP138709DH | 9 | A | | | 11-10-9 | | | pCi/g | | <u> </u> |
| | SP138711DH | 12 | A | FĪ | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | - | |
| *************************************** | SP158708DH | 8 | · b | FT | | 11-10-9 | 1 | | pCi/g | 1 | |
| SP1587 | SP158710DH | 10 | 12 | FT | | 11-10-9 | | | pCi/g | | |
| SP1587 | SP158712WT | 12 | 14 | FT | STRONTIUM-89,90 | 11-10-9 | | | pCi/g | | |
| SP1587 | SP158714CT | 14 | 17 | FT | STRONTIUM-89,90 | 11-10-9 | | 0.3 | pCi/g | | |
| | SP158717BR | 17 | | FT | | 11-10-9 | | 0.2 | pCi/g | į | |
| | SEP0389BR0915 | 9 | | | | 10098-97-2 | 0.8 | -0.3 | pCi/g | Ü | |
| | SEP0389BR1521 | 15 | ************************************* | FT | | 10098-97-2 | 1.1 | | | ĮU | |
| ************************************** | SEP1889BR1218 | 12 | · | <u>FT</u> | | 10098-97-2 | 1.1 | | | U | |
| · | SEP1889BR1824 | 18 | · | FT | | 10098-97-2 | 1.1 | | | U | |
| } | SEP1989BR1016 | 10 | | FT | AND DESCRIPTION OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER. | 10098-97-2 | 1.1 | | | U | |
| - | SEP1989BR1622 SEP2289BR0912 | 16 9 | | FT FT | | 10098-97-2 | 1.3 | | | U | |
| | SEP2289BR1213 | 12 | i | FT | | 10098-97-2 10098-97-2 | 0.6 | | | A POTENTIAL PROPERTY AND ADDRESS OF THE PARTY | |
| <u></u> | SEP2289BR1416 | 14 | | FT | | 10098-97-2 | 1.4 | ···· | | U | |
| j | SEP2289BR1621 | 16 | | FT | THE RESERVE OF THE PROPERTY OF THE PARTY OF | 10098-97-2 | 1.3 | | | U | |
| `~~~~~~~~ | SEP2689BR1016 | 10 | | FT | | 10098-97-2 | 1.3 | | | Ü | |
| | SEP3089BR0915 | 9 | L | FT | | 10098-97-2 | 0.8 | | | U | |
| | SEP3089BR1521 | 15 | | FT | STRONTIUM-90 | 10098-97-2 | 1.3 | | | U | ************ |
| | SEP3089BR2127 | 21 | | FT | ······································ | 10098-97-2 | 0.9 | | | U | |
| } | SEP3189BR0713 | 7 | 13 | FT | | 10098-97-2 | 1.1 | | | U | |
| P210289 | SEP3189BR1319 | 13 | 19 | FT | STRONTIUM-90 | 10098-97-2 | 1 | | | U | |
| SP0187 | SP018711DH | 10 | 12 | FT | TRITIUM | 10028-17-8 | | 0.61 | pCi/g | < | N |
| | SP018713DH | 13 | 15 | FT | TRITIUM | 10028-17-8 | | 0.61 | pCi/g | < | N |
| | SP018716BR | 15 | 17 | FT | TRITIUM | 10028-17-8 | | 0.64 | pCi/g | < | N |
| *************************************** | SP018721DH | 20 | | | TRITIUM | 10028-17-8 | | 0.64 | pCi/g | 1 | N |
| | SP018723DH | 23 | | | TRITIUM | 10028-17-8 | | | pCi/g | | N |
| <u> </u> | SP028708UC | 8 | *************************************** | | TRITIUM | 10028-17-8 | | | pCi/g | (| N |
| \$11-04-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0- | SP028711CT | 10 | | | TRITIUM | 10028-17-8 | | | pCi/g | | N |
| | SP028713BR | 13 | | | TRITIUM | 10028-17-8 | <u> </u> | | | | N |
| | SP038711DH | 10 | | | TRITIUM | 10028-17-8 | | | | · | N |
| · | SP038713CT SP038716BR | 13 | *************************************** | | TRITIUM | 10028-17-8 | | | pCi/g | | N |
| S | SP048707DH | 15 7 | A. H. P. P. P. P. P. P. P. P. P. P. P. P. P. | FT | TRITIUM TRITIUM | 10028-17-8 10028-17-8 | | | pCi/g pCi/g | | N N |
| | SP048712DH | 12 | <u></u> | | · | 10028-17-8 | | | pCi/g | | N |
| j | SP048717DH | 17 | | | | 10028-17-8 | | | | | N |
| | SP048720DH | 20 | ` | | | 10028-17-8 | | | pCi/q | <u>.</u> | N |
| | SP048722DH | 22 | i | | # | 10028-17-8 | | | | | N |
| | SP048725DH | 24 | | | | 10028-17-8 | | | | · | N |
| SP0487 | SP048727DH | 27 | | | | 10028-17-8 | | | | | N |
| SP0487 | SP048730DH | 30 | 32 | FT | TRITIUM | 10028-17-8 | | 0.59 | pCi/g | < | N |
| | SP048732DH | 32 | | | | 10028-17-8 | | 0.63 | pCi/g | \$1.0.00 pp. 10.0 | N |
| | SP058707DH | 7 | | | ************************************** | 10028-17-8 | | | pCi/g | | N |
| · | SP058710DH | 10 | · | ~~~~ | | 10028-17-8 | | | pCi/g | | N |
| \$ | SP058712DH | 13 | i | | | 10028-17-8 | | | pCi/g | | N |
| | SP058716DH | 15 | | | | 10028-17-8 | | | pCi/g | · | N |
| | SP068708DH | 8 | | | and the second s | 10028-17-8 | | | | ķ | N |
| | SP068711DH | 10 | <u> </u> | | | 10028-17-8 | | | | | N |
| · | SP068713DH | 13 | | | ······································ | 10028-17-8 | | | | 6 | N |
| · | SP068716DH | 16 | | | | 10028-17-8 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | ······ | N |
| ; | SP068718DH SP068721DH | 18 20 | | | | 10028-17-8 | | | | | N |
| | SP068724DH | 23 | | | | 10028-17-8 10028-17-8 | | | | | N N |
| | SP068726DH | 25 26 | ····· | | | 10028-17-8 | | ***************************** | | | N |
| <u></u> | SP078711DH | 10 | | | ~ | 10028-17-8 | | | | | N |
| | SP078713DH | 13 | ·········· | | | 10028-17-8 | | | pCi/g | | N |
| <u> </u> | SP078716DH | 16 | · | | | 10028-17-8 | | | pCi/g | | N |
| . | SP078718WT | 18 | } | | | 10028-17-8 | | | pCi/g | | N |
| · | SP078721CT | 20 | | ~~~~~~ | | 10028-17-8 | | | pCi/g | | N |
| ., | SP078723BR | 23 | | | | 10028-17-8 | | | | | N |
| | | 26 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 10028-17-8 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | · | | N |
| SP0787 | SP078726DH | 20 | , | | | | | | | | |
| | SP078726DH SP088706CT | - 26 7 | | | | 10028-17-8 | | 2.8 | pCi/g | | N |
| SP0887 | | | 8 | FT | TRITIUM | 10028-17-8 10028-17-8 | | | pCi/g pCi/g | | N N |

| | Table A.11 Sol | ar Evapo | ration P | onds AC | C - Analytical Results | for Subsurfac | e Soils Greate | r Than 6 Fee | t - Radi | onuclides | |
|------------------|--------------------------|----------|---|---|--|--------------------------|-----------------------|---|----------------|--|--------------|
| * * ** . | g to de gard | | . » · · | 44 | · · · · · · · · · · · · · · · · · · · | | | * * * * * * * * * * * * * * * * * * * | | 140 | plante Andre |
| LOCATION | | DEPTH | DËPÌH | UNIT | | | DETECTION | (r) \$ 00 1 | * | LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | N* | END | CODE | Analyte | CAS'NO | LIMIT | RESULT | UNITS | | QUALIFIER |
| SP0987 | SP098708BR | 8 | | | TRITIUM | 10028-17-8 | | *************************************** | | · | N |
| SP1087 | SP108707DH | 7 | | | TRITIUM | 10028-17-8 | | ************************* | | ····· | N |
| SP1087 | SP108709DH SP108711DH | 9 | | | TRITIUM TRITIUM | 10028-17-8 | | | | · | N |
| SP1087 | SP108711DH SP108713DH | 13 | | | TRITIUM | 10028-17-8 | | | pCi/g pCi/g | | N N |
| SP1087 | SP108715DH | 15 | | | TRITIUM | 10028-17-8 | | | | | N |
| SP1087 | SP108717DH | 17 | | | TRITIUM | 10028-17-8 | | | | | N |
| SP1087 | SP108719DH | 19 | ···· | | TRITIUM | 10028-17-8 | | | pCi/g | | N |
| SP1087 | SP108721WT | 21 | ···· | | TRITIUM | 10028-17-8 | | | | | N |
| SP1087 SP1087 | SP108723DH SP108724DH | 23 24 | | | TRITIUM TRITIUM | 10028-17-8 10028-17-8 | | | pCi/g | | N N |
| SP1387 | SP138706DH | 6 | | | | 10028-17-8 | | | pCi/g pCi/g | | N |
| SP1387 | SP138709DH | 9 | | | | 10028-17-8 | | | | | N |
| SP1387 | SP138711DH | 12 | 14 | FT | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 10028-17-8 | | | | < | N |
| SP1587 | SP158708DH | 8 | | | | 10028-17-8 | | ···· | | ····· | N |
| SP1587 | SP158710DH | 10 | | | TRITIUM | 10028-17-8 | | | | | N |
| SP1587 SP1587 | SP158712WT SP158714CT | 12 14 | | | TRITIUM TRITIUM | 10028-17-8 10028-17-8 | | | | | N N |
| SP1587 | SP158714C1 SP158717BR | 14 | | | TRITIUM | 10028-17-8 | | | pCi/g pCi/g | | N N |
| 05093 | BH00064AE | 6 | | | URANIUM-234 | 11-08-5 | 0.024 | 0.804 | | | A |
| 05193 | BH00069AE | 6 | | FT | URANIUM-234 | 11-08-5 | 0.024 | | | | Α |
| 05393 | BH00079AE | 18 | | | URANIUM-234 | 11-08-5 | 0.032 | 0.918 | | | A |
| 05393 | BH00081AE | 6 | | | URANIUM-234 | 11-08-5 | 0.027 | | pCi/g | | Α |
| 05393 44593 | BH00084AE BH40005AE | 12 6 | | FT FT | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.032 0.027 | | pCi/g | | A A |
| 41193 | BH40052AE | 6 | | | URANIUM-234 | 11-08-5 | 0.027 | | | | A |
| 41993 | BH40065AE | 6 | | | | 11-08-5 | 0.1 | | pCi/g | | V |
| 43893 | BH40073AE | 6 | 11 | FT | | 11-08-5 | 0.034 | | | В | V |
| 42193 | BH40086AE | 10 | <u> </u> | FT | | 11-08-5 | 0.006 | | | | A |
| 42193 | BH40091AE | 16 | | FT | | 11-08-5 | 0.007 | | | | A |
| 42993 40793 | BH40144AE BH40160AE | 7 6 | | FT FT | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.016 0.005 | | pCi/g pCi/g | | A |
| 40093 | BH40170AE | 6 | | FT | URANIUM-234 | 11-08-5 | 0.003 | | pCi/g | | A |
| 44893 | BH40191AE | 6 | | FT | | 11-08-5 | 0.019 | | pCi/g | | Α |
| 40993 | BH40204AE | 6 | | | | 11-08-5 | 0.034 | 1.2 | | | A |
| 40993 | BH40206AE | 10 | | | | 11-08-5 | 0.039 | | | | A |
| 41693 41793 | BH40220AE BH40246AE | 6 | | F | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.013 | | | | A A |
| 42293 | BH40256AE | 6 6 | *************************************** | FT FT | L | 11-08-5 | 0.067 0.070114 | 0.9066 | | | A |
| 42293 | BH40258AE | 11 | | | | 11-08-5 | 0.0645537 | 0.9361 | | | A |
| 42393 | BH40264AE | 6 | 8 | FT | URANIUM-234 | 11-08-5 | 0.015 | 0.91 | pCi/g | | Α |
| 42593 | BH40290AE | 10 | | | | 11-08-5 | 0.008 | | | | Α |
| 43193 | BH40309AE | 6 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 11-08-5 | 0.026 | | | | A |
| 43393 43793 | BH40324AE BH40335AE | 8 6 | | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.048 0.054 | | | | V A |
| 44093 | BH40351AE | 6 | | <u></u> | URANIUM-234 | 11-08-5 | 0.054 | 0.5887 | | | V |
| 45893 | BH40380AE | 6 | | | URANIUM-234 | 11-08-5 | 0.0170227 | 0.8543 | | | A |
| 45893 | BH40382AE | 9 | | | | 11-08-5 | 0.0142547 | 1.517 | pCi/g | | A |
| 40793 | BH40414AE | 8 | | | URANIUM-234 | 11-08-5 | 0.012 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | A |
| 40993 | BH40415AE | 20 | | | URANIUM-234 | 11-08-5 | 0.031 | | .I., | | A |
| 40993 41593 | BH40416AE BH40424AE | 31 6 | | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.068 0.024 | | | | A |
| 42193 | BH40430AE | 22 | | | URANIUM-234 | 11-08-5 | 0.024 | | | | A |
| 42193 | BH40432AE | 6 | | | URANIUM-234 | 11-08-5 | 0.021 | | | | V |
| 42193 | BH40433AE | 28 | 31 | FT | URANIUM-234 | 11-08-5 | 0.007 | 1 | pCi/g | В | Α |
| 42493 | BH40445AE | 8 | | | URANIUM-234 | 11-08-5 | 0.02 | | | | A |
| 42593 | BH40450AE | 8 | | | URANIUM-234 | 11-08-5 | 0.031 | | pCi/g | | A |
| 43693 43693 | BH40521AE BH40522AE | 6 8 | | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.018 0.033 | | | | A . |
| 43693 | BH40525AE | 10 | | | URANIUM-234 | 11-08-5 | 0.033 | | | | A . |
| 46593 | BH40711AE | 9 | | | | 11-08-5 | 0.0638591 | | | | A |
| 46593 | BH40713AE | 11 | 16 | *************************************** | | 11-08-5 | 0.120382 | | | | Α |
| 46693 | BH40726AE | 7 | | | | 11-08-5 | 0.0738923 | | | | Α |
| 46693 | BH40728AE | 9 | L | | | 11-08-5 | 0.0923176 | 1.547 | | | A |
| 46793 | BH40742AE BH40748AE | 8 | | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 0.111501 0.0654128 | 1.445 2.082 | | | V V |
| 46893 | BH40749AE . | 9 | | | | 11-08-5 | 0.0869732 | 2.082 1.994 | | | V |
| | ; 1707 TOAL | | | | WINOW EUT | | U.000013E | 1.534 | <u> </u> | | <u> </u> |

| | | 3 30 | - ₩ 4 | 0 gt | OC - Analytical Results | 1 4 54 XX 3 | | and the second | 3 | | |
|--------------------|--------------------------------|-----------|---|------------|----------------------------|--------------------|------------------------|--|----------------|--|------------|
| 4 4 8 | 5 × 8 × 4 × 5 × 5 | | 46 | A \$ | | | | ing an survival | A C | LAB | |
| LOCATION | | | DEPTH | | * 1 * 1 * 1 * 1 * 2 | A 200 1 | DETECTION | was a second | Car She | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | END | CODE | * Analyte * * | CAS NO | LIMIT. | RESULT | UNITS | | |
| 46893 | BH40754AE | 12 | | | URANIUM-234 | 11-08-5 | 0.0886738 | | | | V |
| 46993 | BH40768AE | 6 | | Fī | | 11-08-5 | 0.0735647 | | ******** | 3 | V |
| | BH40770AE BH40776AE | 7 | | FI FT | URANIUM-234 URANIUM-234 | 11-08-5 | 0.0858914 0.0707784 | 1.113 1.416 | | · | V |
| | SEP0389BR0915 | 7 9 | <u> </u> | | | 11-08-5 | 0.0707784 | | pCi/g | | <u> </u> |
| | SEP0389BR1521 | 15 | | | · | 11-08-5 | 0.2 | | pCi/g | | |
| | SEP1689BR1016 | 10 | | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| | SEP1789BR0915 | 9 | <u> </u> | FT | URANIUM-234 | 11-08-5 | 0.1 | 0.4 | pCi/g | | |
| P209089 | SEP1889BR1218 | 12 | | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | , |
| P209089 | SEP1889BR1824 | 18 | | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| 209189 | SEP1989BR1016 | 10 | <u> </u> | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | <u> </u> | |
| P209189 P209489 | SEP1989BR1622 SEP2289BR0912 | 16 9 | | | URANIUM-234 URANIUM-234 | 11-08-5 | 0.1 | | pCi/g pCi/g | | |
| P209489 P209489 | SEP2289BR1213 | 12 | | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| P209489 | SEP2289BR1416 | 14 | | · | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| P209489 | SEP2289BR1621 | 16 | | | URANIUM-234 | 11-08-5 | 0.1 | /~/~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g | | |
| | SEP2389BR1015 | 10 | | | URANIUM-234 | 11-08-5 | 0.1 | 0.7 | pCi/g | | |
| P209889 | SEP2689BR1016 | 10 | | **** | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| | SEP3089BR0915 | 9 | <u></u> | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | <u> </u> | |
| P210189 | SEP3089BR1521 | 15 | | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| P210189 P210289 | SEP3089BR2127 SEP3189BR0713 | 21 7 | | | URANIUM-234 URANIUM-234 | 11-08-5 | 0.1 | | pCi/g pCi/g | 1 | |
| P210289 | SEP3189BR1319 | 13 | | | URANIUM-234 | 11-08-5 | 0.1 | | pCi/g | | |
| SP0187 | SP018711DH | 10 | ···· | | URANIUM-234 | 11-08-5 | 1 | | pCi/g | <u> </u> | N |
| SP0187 | SP018713DH | 13 | L | | | 11-08-5 | | | pCi/g | 1 | N |
| SP0187 | SP018716BR | 15 | 17 | FT | URANIUM-234 | 11-08-5 | | | pCi/g | <u>'</u> | N |
| SP0187 | SP018721DH | 20 | *************************************** | | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0187 | SP018723DH | 23 | | | URANIUM-234 | 11-08-5 | | | pCi/g | | N N |
| SP0287 | SP028708UC | . 8 10 | | | URANIUM-234 URANIUM-234 | 11-08-5 | | | pCi/g pCi/g | | N |
| SP0287 SP0287 | SP028711CT SP028713BR | 13 | i | | URANIUM-234 | 11-08-5 | | ************************************** | pCi/g | | N |
| SP0387 | SP038711DH | 10 | | | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0387 | SP038713CT | 13 | | | URANIUM-234 | 11-08-5 | 1 | | pCi/g | | N |
| SP0387 | SP038716BR | 15 | 17 | FT | URANIUM-234 | 11-08-5 | | 0.77 | pCi/g | | N |
| SP0487 | SP048707DH | 7 | | FT | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0487 | SP048712DH | 12 | | ********** | URANIUM-234 | 11-08-5 | | | pCi/g | £ | N |
| SP0487 | SP048717DH | 17 | <u> </u> | | URANIUM-234 URANIUM-234 | 11-08-5 | 1 | | pCi/g pCi/g | | N N |
| SP0487 SP0487 | SP048720DH SP048722DH | 20 | 4 | | URANIUM-234 | 11-08-5 | | | pCi/g | S | N |
| SP0487 | SP048725DH | 24 | | | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0487 | SP048727DH | 27 | | | URANIUM-234 | 11-08-5 | | 0.58 | pCi/g | | N |
| SP0487 | SP048730DH | 30 | 32 | FT | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0487 | SP048732DH | 32 | | * | URANIUM-234 | 11-08-5 | } | | pCi/g | · | N |
| SP0587 | SP058707DH | 7 | .1 | FT | URANIUM-234 | 11-08-5 | 1 | | pCi/g | A., | N |
| SP0587 | SP058710DH | 10 | | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | - | | pCi/g pCi/g | <u></u> | N |
| SP0587 SP0587 | SP058712DH SP058716DH | 13 15 | | | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0687 | SP058718DH | 8 | | | URANIUM-234 | 11-08-5 | | | pCi/g | <u> </u> | N |
| SP0687 | SP068711DH | 10 | · k | | URANIUM-234 | 11-08-5 | į | | pCi/g | } | N |
| SP0687 | SP068713DH | 13 | 14 | | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP0687 | SP068716DH | 16 | | | URANIUM-234 | 11-08-5 | <u> </u> | | pCi/g | | N |
| SP0687 | SP068718DH | 18 | | | URANIUM-234 | 11-08-5 | } | | pCi/g | | N . |
| SP0687 SP0687 | SP068721DH | 20 | | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | 1 | | pCi/g pCi/g | | N |
| SP0687 | SP068724DH SP068726DH | 23 26 | | | URANIUM-234 URANIUM-234 | 11-08-5 | } | | pCi/g | | N |
| SP0787 | SP078711DH | 10 | <u> </u> | FT | URANIUM-234 | 11-08-5 | | | pCi/g | <u> </u> | N |
| SP0787 | SP078713DH | 13 | | | URANIUM-234 | 11-08-5 | | | pCi/g | 1 | N |
| SP0787 | SP078716DH | 16 | 17 | | URANIUM-234 | 11-08-5 | | A | pCi/g | | N |
| SP0787 | SP078718WT | 18 | | | URANIUM-234 | 11-08-5 | - | | pCi/g | | N |
| SP0787 | SP078721CT | 20 | | ****** | URANIUM-234 | 11-08-5 | <u> </u> | | pCi/g | | N |
| SP0787 | SP078723BR | 23 | | | URANIUM-234 | 11-08-5 | 1 | | pCi/g | | N |
| SP0787 SP0887 | SP078726DH SP088706CT | 26 | | FT FT | URANIUM-234 URANIUM-234 | 11-08-5 | | | pCi/g pCi/g | A attended to the second state of the second | N |
| SP0887 SP0887 | SP088706C1 | | | FI | URANIUM-234 | 11-08-5 | 1 | | pCi/g | | N N |
| SP0987 | SP098706CT | | | FT | URANIUM-234 | 11-08-5 | İ | | pCi/g | | N |
| SP0987 · | SP098708BR | | | FT | URANIUM-234 | 11-08-5 | 1 | 0.84 | pCi/g | | N |
| SP1087 | SP108707DH | 7 | | FT | URANIUM-234 | 11-08-5 | | . 0.66 | pCi/g | , | N |

| | Table A.11 Soi | ar Evapo | ration Po | nds A(| DC - Analytical Results | for Subsurfac | e Soils Greate | r Than 6 Fee | et - Radio | onuclides | |
|------------------|--------------------------|----------|--|---|--|--------------------------|------------------------|--|---|---|----------------------|
| - 1 | , 19 | - 2 | | ¥ 1, 1 | | 8.2. | , | | : •% | LAB | er Berging series |
| LOCATION | | DEPTH | DEPTH | UNIT | | 4, 1. | DETECTION | ائي جي اڳا جي ان جي ساجي | | RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | Annual Contraction of the | CODE | | CAS NO | LIMIT & | | | QUALIFIER | QUALIFIER |
| SP1087 | SP108709DH | 9 | · | | <u> </u> | 11-08-5 | | | pCi/g | | N |
| SP1087 SP1087 | SP108711DH SP108713DH | 11 13 | £.,,, | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | | | pCi/g pCi/g | | N N |
| SP1087 | SP108715DH | 15 | `~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | · | 11-08-5 | ! | | pCi/g | · | N |
| SP1087 | SP108717DH | 17 | 3 | | a. Annana anna ann ann an aire ann an ann an ann an ann ann ann ann a | 11-08-5 | | | pCi/g | 4 | N |
| SP1087 | SP108719DH | 19 | 2 | | ······································ | 11-08-5 | | | pCi/g | | N |
| SP1087 | SP108721WT | 21 | | | | 11-08-5 | | ···· | pCi/g | | N |
| SP1087 SP1087 | SP108723DH SP108724DH | 23 24 | (| , | · | 11-08-5 11-08-5 | | | pCi/g pCi/g | · | N N |
| SP1387 | SP138706DH | 6 | | | | 11-08-5 | } | ····· | pCi/g | | N |
| SP1387 | SP138709DH | 9 | | *************************************** | | 11-08-5 | | | pCi/g | l | N |
| SP1387 | SP138711DH | 12 | 14 F | - T | URANIUM-234 | 11-08-5 | 1 | | pCi/g | *************************************** | N |
| SP1587 | SP158708DH | 8 | · | *************************************** | URANIUM-234 | 11-08-5 | | | pCi/g | | N |
| SP1587 | SP158710DH | 10 | | | URANIUM-234 | 11-08-5 | | *************************************** | pCi/g | | N |
| SP1587 SP1587 | SP158712WT SP158714CT | 12 14 | <u></u> | | URANIUM-234 URANIUM-234 | 11-08-5 11-08-5 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | pCi/g pCi/g | · | N N |
| SP1587 | SP158717BR | 17 | ļ . | ************************ | URANIUM-234 | 11-08-5 |] | | pCi/g | . | N . |
| 05093 | BH00064AE | 6 | | | URANIUM-235 | 15117-96-1 | 0.014 | | | · | A . |
| 05193 | BH00069AE | 6 | 11 F | FT | URANIUM-235 | 15117-96-1 | 0.029 | 0.0187 | i | U | A |
| 05393 | BH00079AE | 18 | | *************************************** | URANIUM-235 | 15117-96-1 | 0.014 | 0.0668 | | L | A |
| 05393 | BH00081AE | 6 | | | | 15117-96-1 | 0.016 | 0.0235 | | | <u>A</u> |
| 05393 44593 | BH00084AE BH40005AE | 12 6 | á | | URANIUM-235 URANIUM-235 | 15117-96-1 | 0.029 | | pCi/g | | Α ΄ |
| 41193 | BH40052AE | 6 | | | URANIUM-235 | 15117-96-1 15117-96-1 | 0.12 | 0.0093 | | · | <u>A</u> A |
| 41993 | BH40065AE | 6 | } | | URANIUM-235 | 15117-96-1 | 0.12 | *************************************** | | *************************************** | v |
| 43893 | BH40073AE | 6 | | · | URANIUM-235 | 15117-96-1 | 0.02 | | | | V |
| | BH40086AE | 10 | | ····· | URANIUM-235 | 15117-96-1 | 0.006 | | | · | A |
| 42193 | BH40091AE | 16 | | | URANIUM-235 | 15117-96-1 | 0.007 | 0.023 | | | A |
| \$100 mm | BH40144AE | . 7 | | | URANIUM-235 | 15117-96-1 | 0.016 | | | · | <u>A</u> |
| 40093 | BH40160AE BH40170AE | 6 6 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.011 0.022 | 0.054 0.0832 | | <u></u> | A A |
| 44893 | BH40191AE | 6 | | | URANIUM-235 | 15117-96-1 | 0.022 | ~~~~~~ | ., | | A |
| | BH40204AE | 6 | | ****************** | URANIUM-235 | 15117-96-1 | 0.034 | | | ··· | A |
| 40993 | BH40206AE | 10 | È | | URANIUM-235 | 15117-96-1 | 0.039 | | | | A |
| | BH40220AE | 6 | | | · · · · · · · · · · · · · · · · · · · | 15117-96-1 | 0.013 | | | ······································ | <u> </u> |
| 41793 42293 | BH40246AE BH40256AE | 6 6 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.067 0.0627325 | 0.041 0.0335 | · [| • | A . |
| 42293 | BH40258AE | 11 | | | URANIUM-235 | 15117-96-1 | 0.0645537 | 0.007956 | | · | <u>A</u> |
| 42393 | BH40264AE | 6 | é | | URANIUM-235 | 15117-96-1 | 0.015 | | Active recognition and active | | Α |
| 42593 | BH40290AE | 10 | 17 F | -1 | URANIUM-235 | 15117-96-1 | 0.025 | 0.031 | pCi/g | , | A |
| | BH40309AE | 6 | | | URANIUM-235 | 15117-96-1 | 0.026 | | | | A |
| 43393 | BH40324AE | 8 | | ************ | URANIUM-235 | 15117-96-1 | 0.018 | | | | <u>V</u> |
| 43793 44093 | BH40335AE BH40351AE | 6 6 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.054 0.0461623 | -0.005 0.02413 | | · | <u>A</u> V |
| 45893 | BH40380AE | 6 | · | | URANIUM-235 | 15117-96-1 | 0.0200532 | | | | Α |
| 45893 | BH40382AE | 9 | | | URANIUM-235 | 15117-96-1 | 0.0105689 | 0.05644 | | <u> </u> | |
| 40793 | BH40414AE | 8 | 13 F | FT | URANIUM-235 | 15117-96-1 | 0.005 | | | | A |
| 40993 | BH40415AE | 20 | | ***************** | URANIUM-235 | 15117-96-1 | 0.048 | | | | A |
| 40993 | BH40416AE | 31 | | | URANIUM-235 | 15117-96-1 | 0.026 | *************************************** | | | Α |
| 41593 | BH40424AE BH40430AE | 6 | å | | URANIUM-235 | 15117-96-1 | 0.037 | | | ····· | Α |
| 42193 42193 | BH40430AE | 22 6 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.029 | | | | <u>A</u> |
| 42193 | BH40433AE | 28 | | | | 15117-96-1 | 0.021 | | *************************************** | | A |
| 42493 | BH40445AE | 8 | | | URANIUM-235 | 15117-96-1 | 0.02 | ····· | | | A |
| 42593 | BH40450AE | 8 | 10 F | | URANIUM-235 | 15117-96-1 | 0.012 | 0.071 | pCi/g | J | A |
| 43693 | BH40521AE | 6 | | | URANIUM-235 | 15117-96-1 | 0.03 | | | | A |
| 43693 | BH40522AE | 8 | | | | 15117-96-1 | 0.02 | | · · · · · · · · · · · · · · · · · · · | | A |
| 43693 46593 | BH40525AE BH40711AE | 10 9 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.021 0.0328237 | 0.05 | | | A A |
| 46593 46593 | BH40713AE | 11 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ~~~~~~ | | 15117-96-1 | 0.0328237 | 0.03639 | | | <u>А</u> А |
| 46693 | BH40726AE | 7 | ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 15117-96-1 | 0.0687081 | 0.02078 | | *************************************** | A |
| 46693 | BH40728AE | 9 | | | | 15117-96-1 | 0.0696508 | 0.03641 | | U | A |
| 46793 | BH40742AE | 8 | | | | 15117-96-1 | 0.103679 | 0.09773 | o i /9 | | V |
| 46893 | BH40748AE | 7 | Annancement of the second | | URANIUM-235 | 15117-96-1 | 0.0767065 | 0.1179 | | | ν |
| 46893 | BH40749AE | 9 | | | | 15117-96-1 | 0.0782657 | 0.1386 | | | V |
| 46893 46993 | BH40754AE BH40768AE | 12 6 | | | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.0427938 0.0822207 | 0.03163 0.3832 | | | V V |
| 70333 | UI ITU/ VOAE | | <u> </u> | | OI MINIONIZOO | 12111,20-1 | . U.UOZZZU/ | 0.3032 | יישו | | ¥ |

| | , | | | | OC - Analytical Results | | 8 | % 35 w | 40 % | A 12. A 8. | |
|---|--------------------------------|-----------------------|---|-----------|--|--------------------------|------------------------|---|---|--|------------|
| er beser (k. j.) Linguis (k. j.) | | * 5 | n ni e | * 3 - | | la de la ve | 19 8 G G | 4 * | (No. 1) | LAB . | |
| LOCATION | | | DEPTH | | in the second se | F \$ 18 500 | DETECTION | | 1.5 | | VALIDATION |
| manuscription of the continues | SAMPLE NUMBER | Am "New America" when | www.manner | CODE | | CAS NO | - # LIMIT # | this good burning by present that absorbed on a | | and the same of th | OUALIFIER |
| | BH40770AE BH40776AE | 7 | | FT FT | URANIUM-235 URANIUM-235 | 15117-96-1 | 0.0954473 0.0758893 | 0.01176 0.01897 | | U | IV IV |
| | SEP0389BR0915 | 9 | | FT | URANIUM-235 | 15117-96-1 | 0.01 | | | U | |
| P207589 | SEP0389BR1521 | 15 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | 0.1 | pCi/g | ì | l |
| | SEP1689BR1016 | 10 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| | SEP1789BR0915 SEP1889BR1218 | 9 12 | | FT FT | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.1 | | pCi/g pCi/g | | } : |
| | SEP1889BR1824 | 18 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | | pCi/g | | į |
| | SEP1989BR1016 | 10 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| | SEP1989BR1622 | 16 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| | SEP2289BR0912 | 9 | <u></u> | FT | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| | SEP2289BR1213 SEP2289BR1416 | 12 14 | | FT FT | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.1 | | | U | |
| | SEP2289BR1621 | 16 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | ···· | | U | |
| | SEP2389BR1015 | 10 | | | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| | SEP2689BR1016 | 10 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | 0.1 | pCi/g | | |
| | SEP3089BR0915 | 9 | | <u>FT</u> | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| | SEP3089BR1521 | 15 | | FT | URANIUM-235 URANIUM-235 | 15117-96-1 | 0.1 | | pCi/g pCi/q | U | , |
| ····· | SEP3089BR2127 SEP3189BR0713 | 21 7 | | FT FT | URANIUM-235 URANIUM-235 | 15117-96-1 15117-96-1 | 0.1 0.1 | | pCi/g pCi/g | | |
| | SEP3189BR1319 | 13 | | FT | URANIUM-235 | 15117-96-1 | 0.1 | | | U | |
| *************************************** | BH00064AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.024 | 0.776 | | | A |
| | BH00069AE | 6 | <u> </u> | FT | URANIUM-238 | 7440-61-1 | 0.011 | | | <u> </u> | Α |
| | BH00079AE | 18 | | FT | URANIUM-238 | 7440-61-1 | 0.029 | | pCi/g | | A |
| | BH00081AE BH00084AE | 6 12 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.027 0.028 | | pCi/g pCi/g | | A A |
| | BH40005AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.028 | *************************************** | pCi/g | å.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | A |
| | BH40052AE | 6 | | FĪ | URANIUM-238 | 7440-61-1 | 0.16 | | | | A |
| 41993 | BH40065AE | 6 | 12 | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | V |
| | BH40073AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.02 | . (******) | | S | V |
| | BH40086AE | 10 | | FT | URANIUM-238 | 7440-61-1 | 0.016 | | | | Α |
| | BH40091AE BH40144AE | 16 7 | . | FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.007 0.016 | | | | A A |
| | BH40160AE | . 6 | | FT | URANIUM-238 | 7440-61-1 | 0.005 | | ····· | <u></u> | A |
| | BH40170AE | 6 | *************************************** | FT | URANIUM-238 | 7440-61-1 | 0.022 | | pCi/g | | Α |
| | BH40191AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.019 | | pCi/g | | Α . |
| | BH40204AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.034 | | | | A |
| | BH40206AE BH40220AE | 10 6 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.023 0.013 | | | | A A |
| - | BH40246AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.013 | | | | A |
| | BH40256AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.0473298 | 0.9267 | | • | A |
| 42293 | BH40258AE | 11 | 13 | FT | URANIUM-238 | 7440-61-1 | 0.0487038 | 0.4895 | pCi/g | | Α |
| | BH40264AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.015 | | | | Α |
| | BH40290AE | 10 | | FT | URANIUM-238 | 7440-61-1 | 0.008 | | <u></u> | | A |
| | BH40309AE BH40324AE | .6 8 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.026 0.031 | | | | A · V |
| | BH40335AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.054 | | | £ | A |
| | BH40351AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.0550594 | | *************************************** | | V . |
| | BH40380AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.0186338 | 1.051 | | | Α |
| | BH40382AE | 9 | | FT | URANIUM-238 | 7440-61-1 | 0.0142547 | | pCi/g | | A |
| | BH40414AE BH40415AE | 8 20 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.012 0.048 | | pCi/g pCi/g | | A A |
| | BH40416AE | 31 | | FT | URANIUM-238 | 7440-61-1 | 0.048 | | pCi/g pCi/g | | A |
| | BH40424AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.014 | | | | A |
| | BH40430AE | 22 | | FT | URANIUM-238 | 7440-61-1 | 0.024 | 0.94 | pCi/g | | A |
| | BH40432AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.012 | | | | ٧ |
| | BH40433AE | 28 | | FT | URANIUM-238 | 7440-61-1 | 0.007 | | | | A |
| | BH40445AE BH40450AE | 8 8 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.02 0.02 | | pCi/g pCi/g | | A A |
| | BH40521AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.02 | | | | A |
| | BH40522AE | 8 | | FT | URANIUM-238 | 7440-61-1 | 0.033 | | | | A |
| | BH40525AE | 10 | | FT | URANIUM-238 | 7440-61-1 | 0.021 | | | | A |
| ~~~~~~ | BH40711AE | 9 | | FT | URANIUM-238 | 7440-61-1 | 0.0328237 | 1.237 | | ······································ | A |
| | BH40713AE | 11 | | FT | URANIUM-238 | 7440-61-1 | 0.0787942 | 1.273 | | · · · · · · · · · · · · · · · · · · · | A |
| | BH40726AE BH40728AE | 7 9 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.0782628 | 1.968 | · | | A |
| 46693 | | | . 15 | 7" | COMMUNICACIONISTA | : / 44U-D [-] | 0.0772466 | 1.59 | pCi/g | | Α |

| | Table A.11 Sol | | | | C - Analytical Results | , , , , , , , , , , , , , , , , , , , | e Soils Greate | r Than 6 Fee | t - Radi | onuclides | |
|--|--------------------------------|----------|---|----------|----------------------------|---------------------------------------|------------------------|---|----------------|--|----------------------|
| | | ** | | - M | | "高速测力 整瓣流电 | | | | LAB | * * * * * |
| LOCATION | SAMPLE NUMBER | | DEPTH END | UNIT | Analyte | CAS NO | DETECTION | RESULT | UNITS | RESULT QUALIFIER | VALIDATION QUALIFIER |
| 46893 | BH40748AE | .7 | 9 | FT | URANIUM-238 | 7440-61-1 | 0.05178 | 1.578 | pCi/g | | V |
| | BH40749AE BH40754AE | 9 12 | £, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ਜ ਜ | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.0483424 0.0692826 | 1.786 1.072 | · | | V V |
| | BH40768AE | 6 | | FT | URANIUM-238 | 7440-61-1 | 0.0701151 | 9.288 | | | V |
| | BH40770AE | 7 | 13 | FT | URANIUM-238 | 7440-61-1 | 0.0909715 | 1.15 | pCi/g | | ν . |
| | BH40776AE | 7 | *************************************** | | URANIUM-238 | 7440-61-1 | 0.0568151 | | ····· | | V |
| | SEP0389BR0915 SEP0389BR1521 | 9 15 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.1 | | pCi/g pCi/g | | |
| | SEP1689BR1016 | 10 | | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| | SEP1789BR0915 | 9 | A commence to be street to be seen | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| P209089 P209089 | SEP1889BR1218 SEP1889BR1824 | 12 18 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.1 | | pCi/g pCi/g | | |
| P209089 P209189 | SEP1989BR1016 | 10 | · | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| P209189 | SEP1989BR1622 | 16 | 22 | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| | SEP2289BR0912 | 9 | | FT | URANIUM-238 | 7440-61-1 | 0.1 | *************************************** | pCi/g | | |
| | SEP2289BR1213 SEP2289BR1416 | 12 14 | *************************************** | FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | 0.1 0.1 | | pCi/g pCi/g | | |
| | SEP2289BR1621 | 16 | | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| P209589 | SEP2389BR1015 | 10 | 14 | FT | URANIUM-238 | 7440-61-1 | 0.1 | ······································ | pCi/g | | |
| | SEP2689BR1016 | 10 | | FT | URANIUM-238 URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| P210189 P210189 | SEP3089BR0915 SEP3089BR1521 | 9 15 | | FT FT | URANIUM-238 | 7440-61-1 7440-61-1 | 0.1 | | pCi/g pCi/g | | |
| | SEP3089BR2127 | 21 | | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| · · · · · · · · · · · · · · · · · · · | SEP3189BR0713 | 7 | 13 | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | |
| | SEP3189BR1319 | 13 | <u> </u> | FT | URANIUM-238 | 7440-61-1 | 0.1 | | pCi/g | | N |
| £ | SP018711DH SP018713DH | 10 13 | · | FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | | | pCi/g pCi/g | | N |
| SP0187 | SP018716BR | 15 | <u> </u> | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| \$ | SP018721DH | 20 | 22 | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| | SP018723DH | 23 | <u> </u> | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | £ | N N |
| · | SP028708UC SP028711CT | 8 | A | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | | | pCi/g pCi/g | £ | N |
| & | SP028713BR | 13 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | <u> </u> | N |
| SP0387 | SP038711DH | 10 | 4 | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | L | N |
| ` | SP038713CT | 13 | | FT | URANIUM-238 | 7440-61-1 7440-61-1 | | | pCi/g pCi/g | | N N |
| i | SP038716BR SP048707DH | 15 7 | | FT | URANIUM-238 URANIUM-238 | 7440-61-1 | <u> </u> | | pCi/g | 4 | N |
| | SP048712DH | 12 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| | SP048717DH | 17 | <u> </u> | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| Lane were seen and the seen and | SP048720DH | 20 | | FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | | } | pCi/g pCi/g | l.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | N N |
| | SP048722DH SP048725DH | 22 24 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | <u> </u> | N |
| SP0487 | SP048727DH | 27 | ···· | FT | URANIUM-238 | 7440-61-1 | | ****************** | pCi/g | | N |
| SP0487 | SP048730DH | 30 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | * | N |
| | SP048732DH | 32 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | <u> </u> | | pCi/g pCi/g | | N N |
| \$ | SP058707DH SP058710DH | 10 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| SP0587 | SP058712DH | 13 | 14 | FT | URANIUM-238 | 7440-61-1 | | 0.92 | pCi/g | Ì | N |
| SP0587 | SP058716DH | 15 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| SP0687 SP0687 | SP068708DH SP068711DH | 10 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | | | pCi/g pCi/g | | N N |
| | SP068711DH SP068713DH | 13 | | FT | URANIUM-238 | 7440-61-1 | <u> </u> | | pCi/g | | N |
| L | SP068716DH | 16 | 18 | FT | URANIUM-238 | 7440-61-1 | | 0.82 | pCi/g | | N |
| SP0687 | SP068718DH | 18 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| | SP068721DH | 20 | | FT FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | | | pCi/g pCi/g | <u> </u> | N N |
| L | SP068724DH SP068726DH | 26 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| SP0787 | SP078711DH | 10 | 12 | FT | URANIUM-238 | 7440-61-1 | į | 0.5 | pCi/g | | N |
| SP0787 | SP078713DH | 13 | | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| Santa province and the santa a | SP078716DH | 16 18 | | न FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | ļ | | pCi/g pCi/g | \$ | N N |
| | SP078718WT SP078721CT | 20 | | FI | URANIUM-238 | 7440-61-1 | | | pCi/g | | N |
| SP0787 | SP078723BR | 23 | 3 26 | FT | URANIUM-238 | 7440-61-1 | | 1.6 | pCi/g | - | N |
| SP0787 | SP078726DH | 26 | 28 | FT | URANIUM-238 | 7440-61-1 | | | pCi/g | <u> </u> | N |
| SP0887 SP0887 | SP088706CT SP088709BR | 9 | | FT | URANIUM-238 URANIUM-238 | 7440-61-1 7440-61-1 | | | pCi/g pCi/g | <u> </u> | N N |
| | こっていろろフリグロド | : 5 | 7; 12 | FT | IUMANIUNIZ30 | 1 - 440-01-1 | 1 | , 0./5 | PUVY | 1 | 1.4 |

| Table A.11 Solar Evaporation Ponds AOC - Analy | tical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides |
|--|--|
| | |

| | | | | 0 % | | | 1 × 1 × 1 | \$ 10 mm | ************************************** | 15. 1. | M. M. J. |
|----------|---------------|-------|-------|------|-------------|-----------|-----------|-----------------|--|-----------|------------|
| | | - 2/2 | >=: | À | | | | * ** *** | J. 3 | , LAB | × 4 8 |
| LOCATION | | | DEPTH | | | | DETECTION | *** | ×80 | RESULT | VALIDATION |
| → CODE | SAMPLE NUMBER | START | END . | CODE | Analyte | CAS NO | LIMIT | RESULT | UNITS | QUALIFIER | QUALIFIER |
| SP0987 | SP098708BR | 8 | 11 | FT | URANIUM-238 | 7440-61-1 | 1 | 0.91 | pCi/g | | N |
| SP1087 | SP108707DH | 7 | 9 | FT | URANIUM-238 | 7440-61-1 | | 0.59 | pCi/g | | N |
| SP1087 | SP108709DH | 9 | 11 | FT | URANIUM-238 | 7440-61-1 | 1 | 0.97 | pCi/g | | N |
| SP1087 | SP108711DH | 11 | 13 | FT | URANIUM-238 | 7440-61-1 | | 0.64 | pCi/g | | N |
| SP1087 | SP108713DH | 13 | 15 | FT | URANIUM-238 | 7440-61-1 | } | 0.73 | pCi/g | | N |
| SP1087 | SP108715DH | 15 | 17 | FT | URANIUM-238 | 7440-61-1 | - | 0.7 | pCi/g | | N |
| SP1087 | SP108717DH | 17 | 19 | FT | URANIUM-238 | 7440-61-1 | } | 0.96 | pCi/g | | N |
| SP1087 | SP108719DH | 19 | 21 | FT | URANIUM-238 | 7440-61-1 | Ì | 1.4 | pCi/g | | N |
| SP1087 | SP108721WT | 21 | 23 | FT | URANIUM-238 | 7440-61-1 | 1 | 0.99 | pCi/g | | N |
| SP1087 | SP108723DH | 23 | 24 | FT | URANIUM-238 | 7440-61-1 | | 1.1 | pCi/g | | N |
| SP1087 | SP108724DH | 24 | 26 | FT | URANIUM-238 | 7440-61-1 | } | 0.58 | pCi/g | | N |
| SP1387 | SP138706DH | 6 | 9 | FT | URANIUM-238 | 7440-61-1 | | 1.2 | pCi/g | | N |
| SP1387 | SP138709DH | 9 | 12 | FT | URANIUM-238 | 7440-61-1 | - | 1.3 | pCi/g | - | N |
| SP1387 | SP138711DH | . 12 | 14 | FT | URANIUM-238 | 7440-61-1 | | 1.5 | pCi/g | | N |
| SP1587 | SP158708DH | 8 | 10 | FT | URANIUM-238 | 7440-61-1 | 1 | 0.51 | pCi/g | | N i |
| SP1587 | SP158710DH | 10 | 12 | FT | URANIUM-238 | 7440-61-1 | ì | 0.6 | pCi/g | | N |
| SP1587 | SP158712WT | 12 | 14 | FT | URANIUM-238 | 7440-61-1 | | 1.3 | pCi/g | | N |
| SP1587 | SP158714CT | 14 | 17 | FT | URANIUM-238 | 7440-61-1 | | 1.1 | pCi/g | | N |
| SP1587 | SP158717BR | 17 | 20 | FT | URANIUM-238 | 7440-61-1 | } | 1.2 | pCi/g | | N |

| | | Ta | able A.12 | Solar Eva | aporation Ponds AOC - Analytical R | tesults for Sam | ples with Null S | Sample Depths | | |
|---|--------------------------|----------|--------------|-----------------|---|----------------------|------------------|-----------------------------|--|----------------------|
| | 700 B | Market. | Server Mills | 100 | | | 18411240 | | 144 | \$ 60 Velocity |
| LOCATION | SAMPLE | DEPTH | DEPTH | 10.75 | | | 2575071011 | | LAB | |
| | NUMBER | START | END | CODE | Analyte | CAS NO | DETECTION | RESULT UNITS | RESULT | VALIDATION OUALIFIER |
| 42593 | BH40291AE | 1 | | | 1,1,1-TCA | 71-55-6 | . 6 | | | V |
| | BH40002AE | 1 | ļ | | 1,1,1-TCA . | 71-55-6 | . 5 | | | V |
| | BH40003AE BH40558AE | 1 | | ·~~~ | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 5 32 | | | V |
| | BH40291AE | T | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | | V |
| | BH40002AE | | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | 14 ug/Kg | | v |
| | BH40003AE BH40558AE | <u> </u> | | | 1,1,2,2-TETRACHLOROETHANE 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | | | V |
| | BH40291AE | ! | | | 1,1,2-TCA | 79-34-5 79-00-5 | 32 | | | V |
| | BH40002AE | 1 | | | 1,1,2-TCA | 79-00-5 | 5 | | | V |
| · | BH40003AE | | | | 1.1,2-TCA | 79-00-5 | 5 | | | ٧ |
| | BH40558AE BH40291AE | • | | | 1,1,2-TCA 1,1-DCA | 79-00-5 75-34-3 | 32 | | | V V |
| - | BH40002AE | | | | 1,1-DCA | 75-34-3 | 5 | | | V V |
| | BH40003AE | | | | 1,1-DCA | 75-34-3 | 5 | | | V |
| | BH40558AE | | | | 1,1-DCA | 75-34-3 | 32 | | | V |
| | BH40291AE BH40002AE | | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 5 | | | ٧ |
| | BH40003AE | | | | 1,1-DCE | 75-35-4 | 5 | | | V |
| 45793 | BH40558AE | | | İ | 1,1-DCE | 75-35-4 | 32 | | | V |
| | BH40291AE | , | | | 1,2-DCA | 107-06-2 | 6 | 6 ug/Kg | Ü | V |
| <u>`</u> | BH40002AE BH40003AE | <u>'</u> | | | 1,2-DCA 1,2-DCA | 107-06-2 | 5 | | | V . |
| *************************************** | BH40558AE | | | ····· | 1,2-DCA 1,2-DCA | 107-06-2 | 5 32 | | | V V |
| 42593 | BH40291AE | | | | 1,2-DICHLOROETHENE | 540-59-0 | 6, | | | V |
| | BH40002AE | | | | 1,2-DICHLOROETHENE | 540-59-0 | 5 | 14 ug/Kg | | ٧ |
| · | BH40003AE BH40558AE | | | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 | 5 | | | V |
| | BH40291AE | | | | 1,2-DICHLOROPROPANE | 540-59-0 78-87-5 | 32 6 | | | v v |
| | BH40002AE | | | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | ~ | v |
| | BH40003AE | | | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | U | V |
| | BH40558AE BH40002AE | | | | 1,2-DICHLOROPROPANE 2-BUTANONE | 78-87-5 | 32 | | | V |
| | BH40003AE | | | | 2-BUTANONE | 78-93-3 78-93-3 | 10 ₀ | | | v v |
| | BH40291AE | i | | | 2-HEXANONE | 591-78-6 | 12 | | | <u>v</u> |
| | BH40002AE | | j | | 2-HEXANONE | 591-78-6 | 10 | 28 ug/Kg | U į | V |
| | BH40003AE BH40558AE | <u> </u> | | | 2-HEXANONE | 591-78-6 | 10 | | | V |
| | BH40291AE | | | | 2-HEXANONE 4-METHYL-2-PENTANONE | 591-78-6 108-10-1 | 65 12 | | | v V |
| 44593 | BH40002AE | | | | 4-METHYL-2-PENTANONE | 108-10-1 | 10 | | | <u>v</u> |
| <u> </u> | BH40003AE | | | ~~~~ | 4-METHYL-2-PENTANONE | 108-10-1 | 10 | 11 ug/Kg | U j | V |
| · | BH40558AE BH40291AE | i | ! | | 4-METHYL-2-PENTANONE | 108-10-1 | 65 | | | V |
| | BH40002AE | | | ~~~~~ | ACETONE ACETONE | 67-64-1 67-64-1 | 12. 10. | | | <u> </u> |
| | BH40003AE | | | ~~~~ | ACETONE | 67-64-1 | 10 | | | J |
| | BH40558AE | | | | ACETONE | 67-64-1 | 65 | | U | J |
| ····· | BH40291AE BH40002AE | <u>i</u> | | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 | | | V |
| | BH40003AE | | • | | | 71-43-2 | 5 | | | v V |
| | BH40558AE | | | | BENZENE | 71-43-2 | 32 | | | . |
| | BH40291AE | | | | BROMODICHLOROMETHANE | 75-27-4 | 6. | -1-33 | | V |
| | BH40002AE | <u>i</u> | | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 5 5 | | | V |
| | BH40558AE | | | | | 75-27-4 | 32 ¹ | | | v v |
| | BH40291AE | Ì | | 1 | BROMOFORM · | 75-25-2 | 6 | | | v |
| ····· | BH40002AE- | | | | BROMOFORM | 75-25-2 | 5 | | U į | V |
| | BH40003AE BH40558AE | | 1 | | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5) 32 | | | V |
| 42593 | BH40291AE | | 1 | | | 74-83-9 | 12 | | | <u>v</u> |
| | BH40002AE | 1 | | E | BROMOMETHANE | 74-83-9 | 10, | | | v V |
| | BH40003AE | | | | BROMOMETHANE | 74-83-9 | 10 | | ין נ | V |
| | BH40558AE BH40291AE | | | | BROMOMETHANE CARBON DISULFIDE | 74-83-9 75-15-0 | 65) | | | <i>y</i> |
| 44593 | 3H40002AE | | - | | | 75-15-0 | 5 | | | , |
| | 3H40003AE | | | | CARBON DISULFIDE | 75-15-0 | 5 | | <u>, </u> | |
| | 3H40558AE 3H40291AE | | <u> </u> | | CARBON DISULFIDE | 75-15-0 | 32 | 32 ug/Kg 1 | | / |
| · | 3H40002AE | | | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 <u>'</u> 5 | 6 ug/Kg l | | |
| 44593 | 3H40003AE | | | | CARBON TETRACHLORIDE | 56-23-5 | 5, 5, | | J \ | |
| | 3H40558AE | | j | jO | CARBON TETRACHLORIDE | 56-23-5 | 32 | 32 ug/Kg (| | |
| | 3H40291AE | | <u> </u> | | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/Kg | | |
| | 3H40002AE | | | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 | 5; 5; | 14 ug/Kg it | | |
| 45793 E | 3H40558AE | | | | | 108-90-7 | 32 | 6;ug/Kg t 32 ug/Kg t | | |
| | 3H40291AE | | - : | | CHLOROETHANE | 75-00-3 | 12 | 12 ug/Kg (| | |
| 44593 H | 3H40002AE | i | 1 | (C | CHLOROETHANE | 75-00-3 | 10; | 28 ug/Kg l | <u> </u> | / |

| Table A.12 Solar Evaporation Ponds | AOC - A | malytical Result | s for Sample | s with Null Sa | mple Depths |
|------------------------------------|---------|------------------|--------------|----------------|-------------|
| | | | | | |

| Bern wara | 2 (2.3%) | 2538 C | Die A.12 | JUIAI EV | aporation Ponds AOC - Analytical R | · · · · · · · · | | Signific Deputs | - A | 37 335 |
|----------------|------------------------|-------------|----------|------------------------------------|---------------------------------------|-----------------------|-----------|---------------------|--|------------|
| 操作的 | 100 | | | $E = \left\{ \frac{1}{2} \right\}$ | | 17 18 18 18 | 1 1 64 | | LAB | 8 - 12 2 |
| LOCATION | SAMPLE | DEPTH | DEPTH | UNIT | No. 10 Per Section 1981 | | DETECTION | STORY AND A | RESULT | VALIDATION |
| CODE | NUMBER | START | END: | CODE, | Analyte | CAS NO | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER* |
| 44593 | BH40003AE | | | | CHLOROETHANE | 75-00-3 | 10 | 11/ug/Kg | U | V |
| 45793 | BH40558AE | | | | CHLOROETHANE | 75-00-3 | 65 | 65 ug/Kg | U | V |
| 42593 | BH40291AE | | | | CHLOROFORM | 67-66-3 | 6 | | <u>IU</u> | <u>V</u> |
| | BH40002AE | | | | CHLOROFORM | 67-66-3 | . 5 | | <u>U</u> | V |
| | BH40003AE | | | | CHLOROFORM | 67-66-3 | 5 | 6jug/Kg | U | V I |
| 45793 | BH40558AE | | | | CHLOROFORM | 67-66-3 | 32 | 32 ug/Kg | | V I |
| · | BH40291AE | | | | CHLOROMETHANE | 74-87-3 | 12 | | <u> U</u> | (V |
| | BH40002AE | | | | CHLOROMETHANE | 74-87-3 | 10) | | <u> U</u> | |
| | BH40003AE | | | | CHLOROMETHANE | 74-87-3 | 10 | 11 ug/Kg | U | V I |
| 45793 42593 | BH40558AE BH40291AE | | | | CHLOROMETHANE CIS-1,3-DICHLOROPROPENE | 74-87-3 10061-01-5 | 65 | 65 ug/Kg | U U | V |
| 44593 | BH40002AE | | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | 6 ug/Kg 14 ug/Kg | U | iv |
| | BH40003AE | | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | 6 ug/Kg | | V |
| | BH40558AE | | | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 32 | | Ü | iv l |
| 42593 | BH40291AE | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | Ü | v |
| | BH40002AE | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | Ü | V |
| | BH40003AE | | | | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | U | iv iv |
| | BH40558AE | | l | | DIBROMOCHLOROMETHANE | 124-48-1 | 32 | | iU | iv |
| | BH40291AE | | | | ETHYLBENZENE | 100-41-4 | 6 | | iU | iv |
| | BH40002AE | · | | | ETHYLBENZENE | 100-41-4 | 5 | | U | V |
| | BH40003AE | | | | ETHYLBENZENE | 100-41-4 | 5 | 6 ug/Kg | | iv |
| | BH40558AE | | | ~~~~~ | ETHYLBENZENE | 100-41-4 | 32 | 32 ug/Kg | Ü | ÍV |
| 42593 | BH40291AE | | | | METHYLENE CHLORIDE | 75-09-2 | 6. | 69 ug/Kg | | lv |
| | BH40002AE | | | | METHYLENE CHLORIDE | 75-09-2 | 5 | | U | ij |
| | BH40003AE | | | | METHYLENE CHLORIDE | 75-09-2 | 5 | | Ū | j i |
| 45793 | BH40558AE | | | | METHYLENE CHLORIDE | 75-09-2 | 32 | 32 ug/Kg | Ū | v |
| | BH40291AE | | | | STYRENE | 100-42-5 | 6 | 6 ug/Kg | Ū | iv |
| | BH40002AE | | | | STYRENE | 100-42-5 | 5 | 14 ug/Kg | Ü | ĺv |
| 44593 | BH40003AE | | | | STYRENE | 100-42-5 | 5 | 6 ug/Kg | Ü | iv i |
| | BH40558AE | | | | STYRENE | 100-42-5 | 32 | 32 ug/Kg | Ü | V |
| 42593 | BH40291AE | | | | TCE | 79-01-6 | 6 | 6 ug/Kg | Ū | iv |
| 44593 | BH40002AE | | | | TCE | 79-01-6 | 5 | | | iv |
| 44593 | BH40003AE | | | | TCE | 79-01-6 | 5 | | U | iV |
| 45793 | BH40558AE | | | | TCE | 79-01-6 | 32 | 32 ug/Kg | U | V |
| 42593 | BH40291AE | | | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 ug/Kg | U | IV |
| 44593 | BH40002AE | | | 1 | TETRACHLOROETHENE | 127-18-4 | 5 | 14 ug/Kg | U | V |
| 44593 | BH40003AE | | | | TETRACHLOROETHENE | 127-18-4 | 5 | 6 ug/Kg | U | V |
| 45793 | BH40558AE | | | | TETRACHLOROETHENE | 127-18-4 | 32 | 32 ug/Kg | U | V |
| 42593 | BH40291AE | | | | TOLUENE | 108-88-3 | 6 | 150 ug/Kg | | V |
| | BH40002AE | | | | TOLUENE | 108-88-3 | 5 | 210 ug/Kg | l | [V] |
| 44593 | BH40003AE | | | | | 108-88-3 | 5 | 62 ug/Kg | <u>l</u> | (V |
| 45793 | BH40558AE | | | | TOLUENE | 108-88-3 | 32 | 450∤ug/Kg | | V |
| | BH40291AE | | | | | 10061-02-6 | 6 | | | V |
| | BH40002AE | | | | | 10061-02-6 | 5, | | <u>. </u> | V |
| | BH40003AE | | | | | 10061-02-6 | 5 | | U | įV |
| | BH40558AE | | | | | 10061-02-6 | 32 | | U | V |
| | BH40291AE | | | | VINYL ACETATE | 108-05-4 | 12 | | <u> </u> | V |
| | BH40002AE | | | | | 108-05-4 | 10 | | U | V |
| | BH40003AE | | | | VINYL ACETATE | 108-05-4 | 10 | | U | V |
| 45793 | BH40558AE | | | | VINYL ACETATE | 108-05-4 | 65 | | U | V . |
| | BH40291AE | | | | | 75-01-4 | 12 | | 1 = | V |
| | BH40002AE | | | | VINYL CHLORIDE | 75-01-4 | 10 | | U | ĮV |
| 44593 | BH40003AE | | | | | 75-01-4 | 10 | | | IV I |
| | BH40558AE | | | | VINYL CHLORIDE | 75-01-4 | 65 | | 1 - | iv iv |
| | BH40291AE | | | | XYLENES (TOTAL) | 1330-20-7 | 6 | | | V |
| 44593 44593 | BH40002AE BH40003AE | | | | XYLENES (TOTAL) XYLENES (TOTAL) | 1330-20-7 | 5 | | 1 - | V V |
| | BH40558AE | | | | XYLENES (TOTAL) | 1330-20-7 | 32 | | iU | V |
| -3133 | 5. 140000AE | | | ! | 7. FE/ILO (1017L) | 1.000-20-7 | 1 32 | 32¦ug/Ng | | · • |

Table A.13a Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Surface Soils

| Table A.13a Sola | ar Evaporation | 1 Ponds AC | C - Sumin | nary Stati | sucs for D | elected | Analytes II | Detection | 115 | |
|--|-------------------------------------|----------------------------|-------------------|--|----------------------------|---------|-------------|--------------------------|--|---|
| | 1.0 | 1 | | ł | | 17 | Total | Frequency | PRG @ 10-6 | |
| | | | | | 00 | | | | | 44 |
| ANALYTE NAME | CAS NO | Mean | Min | Max | SD | Units | Samples | (%) | or HQ=0.1 Unit | Max/PRG |
| Aluminum | 7429-90-5 | 10666.24 | 5.45 | 32500 | 5960.39 | | 73 | 99 | 14762.81262 mg/kg | 2.20148 |
| Antimony | 7440-36-0 | 6.28 | 1.1 | 24.8 | | mg/kg | 67 | 4 | 40.88 mg/kg | .60665 |
| Arsenic | 7440-38-2 | 3.35 | 0.31 | 7.5 | | mg/kg | 72 | 97 | 2.170120277 mg/kg | 3.45603 |
| Barium | 7440-39-3 | 110.34 | 1.1 | 393 | | mg/kg | 73 | 99 | 1833.337934 mg/kg | .21436 |
| Beryllium · | 7440-41-7 | 1.03 | 0.085 | 9.6 | 1.35 | mg/kg | 73 | 19 | 66.48157812 mg/kg | .1444 |
| Cadmium | 7440-43-9 | 20.19 | 0.135 | 382 | 65.52 | mg/kg | 73 | 59 | 95.4770621 mg/kg | 4.00096 |
| CALCIUM | 7440-70-2 | 21690.67 | 109 | 248000 | 33896.36 | | 73 | 99 | 3 3 | |
| CESIUM | 7440-46-2 | 54.17 | | | | mg/kg | 72 | 3 | | |
| and the second second | 7440-47-3 | 20.22 | 0.47 | 120 | 10.60 | mg/kg | 73 | 97 | 15.1 mg/kg | 7.94702 |
| CHROMIUM | | | control to a | | | | | . 97 . 95 | | |
| Cobalt | 7440-48-4 | 6.30 | 1.05 | , | | mg/kg | 73 | | 93.84000693 mg/kg | .33035 |
| Copper | 7440-50-8 | 19.54 | v 41 | | | mg/kg | 73 | . 99 | 4088 mg/kg | .02167 |
| Iron | 7439-89-6 | 12460.99 | | | 4341.98 | | 73 | 99 | 30660 mg/kg | .90998 |
| Lead | 7439-92-1 | 18.57 | 2.8 | 121 | | mg/kg | 72 | 100 | 400 mg/kg | .3025 |
| Lithium | 7439-93-2 | 11.33 | 0.85 | 46.3 | 7.99 | mg/kg | 73 | 93 | 2044 mg/kg | .02265 |
| MAGNESIUM | 7439-95-4 | 2566.99 | 109 | 6500 | 1012.99 | | 73 ~ | 99 | one server | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| Manganese | 7439-96-5 | 296.31 | 1.1 | 7650 | 877.93 | ma/ka | 73 | 99 | 219.9760635 mg/kg | 34.77651 |
| Mercury | 7439-97-6 | 0.17 | 0.025 | | | mg/kg | 69 | 33 | 1483.960276 mg/kg | .00121 |
| | 7440-02-0 | 14.58 | 2.05 | | | mg/kg | 73 | 95 | 2044 mg/kg | .08611 |
| Nickel | 7440-02-0 | 2544.37 | | . مستوعد معبور ر | 1582.70 | | 73 | | -017 1119/09 | |
| POTASSIUM | The same to the second of | | | | | | | 99 5 | C14 # | 7044 |
| Selenium | 7782-49-2 | 0.26 | 0.09 | | | mg/kg | 73 | | 511 mg/kg | .0011 |
| SILICON | 7440-21-3 | 3528.56 | 10.9 | | 2798.94 | | 61 | 98 | | |
| Silver | 7440-22-4 | 1.19 | 0.32 | | | mg/kg | 73 | 12 | 511 mg/kg | .00705 |
| SODIUM | 7440-23-5 | 525.20 | | | | mg/kg | 73 | 37 | · | |
| Strontium | 7440-24-6 | 55.34 | 0.55 | | 66.49 | mg/kg | 73 | 99 | 61320 mg/kg | .00832 |
| THALLIUM | 7440-28-0 | 0.24 | 0.075 | 0.81 | 0.14 | mg/kg | 70 | 9 | | 1 |
| .Tin | 7440-31-5 | 16.59 | 0.95 | 61.5 | | mg/kg | . 73 | 23 | 61320 mg/kg | .001 |
| Titanium | 7440-32-6 | 407.00 | | any management of the form of the | | mg/kg | 3 | 100 | | |
| Vanadium | 7440-62-2 | 29.61 | | Committee of the second second | | mg/kg | 73 | 99 | 715.4 mg/kg | .09449 |
| Zinc | 7440-66-6 | 63.90 | | AND THE RESERVE AS A SECOND RESERVE AS A SECON | | mg/kg | 73 | 99 | 30660 mg/kg | .015 |
| 9-OCTADECENOIC ACID (Z)- | 112-80-1 | 740.00 | | in one or a conservation of | 141.42 | | 2 | 100 | 50000 1119/19 | |
| The state of the s | | year and the second second | parties a company | graph was a second record | · very resourcement are of | * mmn | 2 | 50 | 7517 054714 | .02528 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 96.50 | | | 132.23 | | | | 7517.054714 ug/kg | .02528 |
| 1,3-DIOXOLANE, 2,2-DIMETHYL- | 2916-31-6 | 320.00 | | | | ug/kg | 1 | 100 | | |
| 1-METHYL NAPHTHALENE | 90-12-0 | 80.00 | 80 | 80 | n y wystawana sa | ug/kg_ | | 100 | | |
| 2,6-DI-tert-BUTYL-4-METHYL | | | | : | | ; | | | | |
| PHENOL | 128-37-0 | 205.00 | 190 | 220 | 21.21 | ug/kg | 2 | . 100 | | |
| 2-Methylnaphthalene | 91-57-6 | 205.43 | 78 | 370 | 46.52 | ug/kg | 65 | 5 | 2044000 ug/kg | .00018 |
| 3-PENTEN-2-ONE | 625-33-2 | 6100.00 | | 6100 | | ug/kg | 1 | 100 | | |
| 4-Methylphenol | 106-44-5 | 207.99 | | 4 | 41 78 | ug/kg | 67 | 1 | 368660.2698 ug/kg | .001 |
| The state of the s | 100-02-7 | 1021.92 | | | 242.79 | | 64 | 2 | 817600 ug/kg | .00226 |
| 4-Nitrophenol | A R. Martin, Mr. Co., Lander and C. | 210.00 | | | 242.73 | | | 100 | O 17 000 ug/kg | |
| 9,10-ANTHRAQUINONE | 84-65-1 | | | | | ug/kg | | The second separation is | · | |
| 9-HEXADECENOIC ACID | 2091-29-4 | 2000.00 | | | | ug/kg | | 100 | 4000740.000 | 00044 |
| Acenapthene | 83-32-9 | 190.85 | | | 67.67 | ug/kg | . 67 | 18 | 4082746.866 ug/kg | .00011 |
| Acetone | 67-64-1 | 6.00 | ********** | | ary 1 mm and 1 h m h h | ug/kg | 1 | 100 | 10220000 ug/kg | <u> </u> |
| Anthracene | 120-12-7 | 194.51 | | 570 | 74.48 | ug/kg | 67 | 21 | 20413734.33 ug/kg | .00003 |
| Aroclor-1254 | 11097-69-1 | 95.53 | 10.5 | 180 | 28.54 | ug/kg | 66 | . 5 | 1236.909303 ug/kg | .14552 |
| Benzo(a)anthracene | 56-55-3 | 198.10 | 46 | 1100 | | ug/kg | 67 | 57 | 3489.271611 ug/kg | .31525 |
| Benzo(a)pyrene | 50-32-8 | 222.09 | | | 218.15 | | 67 | . 55 | 348.8687389 ug/kg | 4.87289 |
| Benzo(b)fluoranthene | 205-99-2 | 266.55 | | | | ug/kg | 67 | 69 | 3489.271611 ug/kg | .68782 |
| BENZO(ghi)PERYLENE | 191-24-2 | 189.49 | | | 98.00 | ug/kg | 67 | 45 | | 1 |
| BENZO(k)FLUORANTHENE | 207-08-9 | 245.61 | | | 231.81 | | 64 | 67 | 34892.71611 ug/kg | .03153 |
| e and a common of the common o | 117-81-7 | 622.15 | | Ann | 2602.12 | | 67 | 58 | 196305.7157 ug/kg | .10698 |
| Bis(2-ethylhexyl)phthalate | And the second of the second | | | | | | 67 | 7 | 14746410.79 ug/kg | .00003 |
| Butyl benzylphthalate | .85-68-7 | 204.37 | | | | ug/kg | | 29 | 14740410.79 ug/kg | .00003 |
| CARBAZOLE | 86-74-8 | 203.57 | f | | | ug/kg | 7 | | 0.400.40.0177 | |
| Chrysene | 218-01-9 | 221.78 | 1 * . | in the second | | ug/kg | 67 | 60 | 348343.8177 ug/kg | .00373 |
| Dibenz(a,h)anthracene | 53-70-3 | 191.59 | | | | ug/kg | 66 | 14 | 348.3438177 ug/kg | 1.06217 |
| Dibenzofuran | 132-64-9 | 199.25 | 47 | | 50.74 | ug/kg | 67 | 6 | 294928.2159 ug/kg | .00125 |
| Diethyl phthalate | 84-66-2 | 356.80 | 170 | 9800 | 1199.87 | ug/kg | 64 | 2 | 58985643.17 ug/kg | .00017 |
| DI-n-BUTYL PHTHALATE | 84-74-2 | 205.61 | | 4.0 | | ug/kg | 67 | . 31 | 7373205.396 ug/kg | .00023 |
| Di-n-octylphthalate | 117-84-0 | 196.31 | | The second second | | ug/kg | 67 | 13 | 1474641.079 ug/kg | .00025 |
| Fluoranthene | 206-44-0 | 330.73 | č. | grand a second | | ug/kg | 67 | 72 | 2721831.244 ug/kg | .00107 |
| | 86-73-7 | 190.91 | ł | | | ug/kg | 67 | 15 | 4082746.866 ug/kg | .00009 |
| Fluorene | | | : . | *** | ** | | 1 | 100 | 10027 10.000 dg/kg | |
| HEPTANE, 2,5-DIMETHYL- | 2216-30-0 | 150.00 | 1 | | | ug/kg | , , | | ., | ! |
| HEXATRIACONTANE | 630-06-8 | 650.00 | | | | ug/kg | 2 | 50 | 2.22 22,270,777 | 1 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 188.00 | | | | ug/kg | 67 | 54 | 3489.271611 ug/kg | .23501 |
| Methylene chloride | 75-09-2 | 2.00 | . 2 | | | ug/kg | . 1 | . 100 | 186994.9579 ug/kg | .00001 |
| Naphthalene | 91-20-3 | 201.04 | 37 | 370 | 52.80 | ug/kg | 67 | 6 | 199085.4566 ug/kg | .00186 |
| n-OCTACOSANE | 630-02-4 | 2300.00 | | | | ug/kg | 1 | 100 | | |
| NONACOSANE | 630-03-5 | 1100.00 | | | | ug/kg | 1 | 100 | y e si e dissa alpum e | |
| OCTANE, 4-METHYL- | 2216-34-4 | 190.00 | | | | ug/kg | 1 | 100 | max ton the t | |
| o-FLUOROPHEÑOL | 367-12-4 | 1200.00 | | 4 . | | ug/kg | 1 | 100 | 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| U-FEUUNOP NENUL | JU1-12-4 | 1200.00 | . 1200 | 1200 | | ug/ng | . : . | | | |
| | | | | | | | | | | |

Table A.13a Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Surface Soils

| 1 | F 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |] | | | | Detection | . p | |
|---|---|---------|---------|-------|--------------|---------|-----------|-------------------|----------|
| I to the state of | | \$ | | • • | | Total | Frequency | PRG @ 10-6 | |
| ANALYTE NAME | CAS NO | Mean | Min 🦠 | ·Max. | SD Units | Samples | (%) | or HQ=0.1 Unit | Max/PRG |
| PALMITIC ACID | 57-10-3 | 833.00 | 260 | 1500 | 471.19 ug/kg | 10 | 80 | | • |
| PENTADECANE | 629-62-9 | 170.00 | 170 | 170 | ug/kg | 1 | 100 | | |
| PENTATRIACONTANE | 630-07-9 | 1800.00 | 1800 | 1800 | ug/kg | 1 | 100 | | |
| PHENANTHRENE | 85-01-8 | 281.51 | 37 | 2700 | 372.24 ug/kg | 67 | 66 | • | |
| PROPANOIC ACID, 2-HYDROXY-2- | 594-61-6 | 1100.00 | 1100 | 1100 | | 1 | 100 | | |
| Pyrene | 129-00-0 | 345.04 | 49 | 2800 | 427.14 ug/kg | 67 | 70 | 2211961.619 ug/kg | .00127 |
| TETRATETRACONTANE | 7098-22-8 | 1666.67 | 1600 | 1700 | 57.74 ug/kg | 3 | 67 | • • | |
| Americium-241 | 14596-10-2 | 8.69 | 0.01141 | 130 | 23.99 pCi/g | 69 | 100 | 2.914957638 pCi/g | 44.59756 |
| CESIUM-134 | 13967-70-9 | 0.02 | -0.239 | 0.15 | 0.06 pCi/g | - 55 | 18 | | |
| CESIUM-137 | 10045-97-3 | 0.15 | -0.0323 | 0.79 | 0.19 pCi/g | 67 | 40 | | |
| GROSS ALPHA | 12587-46-1 | 42.06 | 6.736 | 440 | 69.21 pCi/g | 60 | 100 | | THE . |
| GROSS BETA | 12587-47-2 | 32.24 | 14.9 | 110 | 13.64 pCi/g | 71 | 100 | i . | |
| Plutonium-239/240 | 10-12-8 | 3.76 | 0.0129 | 56 | 8.07 pCi/g | - 60 | 100 | 6.649554873 pCi/g | 8.42162 |
| RADIUM-226 | 13982-63-3 | 1.14 | 0.32 | 10.76 | 1.56 pCi/g | 47 ` | 94 |] | |
| RADIUM-228 | 15262-20-1 | 1.77 | 0.49 | 16 | 2.09 pCi/g | 51 | 94 | | ** . * * |
| STRONTIUM-89,90 | 11-10-9 | 0.36 | -0.16 | 1.5 | 0.35 pCi/g | 63 | 63 | Çamı | *** |
| Uranium-234 | 11-08-5 | 3.97 | 0.51 | 63.4 | 8.87 pCi/g | 71 | 100 | 17.39486023 pCi/g | 3.64475 |
| Uranium-235 | 15117-96-1 | 0.18 | -0.008 | 2.3 | 0.34 pCi/g | 71 | 76 | 0.225621413 pCi/g | 10.19407 |
| Uranium-238 | 7440-61-1 | 2.62 | 0.31 | 27 | 4.33 pCi/g | 72 | 100 | 1.033526461 pCi/g | 26.12415 |

| | | | | | | | | Total | Number | Detection Frequency | Worker PRG @ 10-6 or | | |
|-------------------|---|------------|---------|---------|----------|---------|-------|---------|---------|------------------------|---|----------|---------------------------------------|
| Analyte | | CAS Number | Меал | Min | Max | SD | Units | Samples | Detects | (%) | HQ=0.1 | Unit | Max/PRG |
| ALUMINUM | | 7429-90-5 | 4186.67 | | 6970.00 | | mg/kg | 15 | 15 | 100 | 22792.15 | | 0.306 |
| ANTIMONY | | 7440-36-0 | 4.85 | 2.55 | 5.60 | 0.94 | mg/Kg | 15 | 1 | ` 7 | 40.88 | mg/kg | 0.137 |
| ARSENIC | | 7440-38-2 | 0.89 | 0.37 | 1.50 | 0.30 | mg/Kg | 15 | 9 | 60 | | mg/kg | 0.677 |
| BARIUM | | 7440-39-3 | 45.37 | 26.90 | 57.50 | 9.07 | mg/kg | 15 | 15 | 100 | 2642.62 | | 0.022 |
| BERYLLIUM | | 7440-41-7 | 0.23 | 0.10 | 0.70 | 0.18 | mg/Kg | 15 | 6 | 40 | 92.06 | mg/kg | 0.008 |
| CADMIUM | | 7440-43-9 | 10.13 | 0.40 | 69.70 | 19.14 | mg/kg | 15 | 10 | 67 | 96.17 | mg/kg | 0.725 |
| CALCIUM | | 7440-70-2 | 1832.80 | 832.00 | 2660.00 | 572.96 | mg/kg | 15 | 15 | 100 | | 0 0 | |
| CESIUM | | 7440-46-2 | 2.06 | 0.43 | 7.70 | 2.58 | mg/Kg | 15 | 12 | 80 · | | | |
| CHROMIUM | | 7440-47-3 | 15.41 | 5.70 | 37.50 | 8.90 | mg/kg | 15 | 15 | 100 | 26.78 | mg/kg | 1.400 |
| COBALT | | 7440-48-4 | 3.46 | 0.70 | 4.70 | 1.03 | mg/Kg | 15 | 14 | 93 | 154.56 | mg/kg | 0.030 |
| COPPER | | 7440-50-8 | 12.93 | 2.20 | 24.60 | 6.23 | mg/Kg | 15 | 14 | 93 | 4088.00 | mg/kg | 0.006 |
| CYANIDE | | 57-12-5 | 0.09 | 0.05 | 0.17 | 0.06 | mg/kg | 6 | 2 | 33 | 2044.00 | | 0.000 |
| IRON | | 7439-89-6 | 8061.33 | 5350.00 | 12200.00 | 1890.79 | mg/Kg | 15 | 15 | 100 | 30660.00 | mg/kg | 0.398 |
| LEAD | | 7439-92-1 | 24.10 | 3.80 | 107.00 | 33.74 | mg/kg | 15 | 15 | 100 | 1000.00 | mg/kg | 0.107 |
| LITHIUM | - | 7439-93-2 | 8.17 | 3.80 | 13.40 | | mg/kg | 15 | 15 | 100 | 2044.00 | mg/kg | 0.007 |
| MAGNESIUM | | 7439-95-4 | 2087.33 | 1320.00 | 2750.00 | 348.15 | mg/Kg | 15 | 15 | 100 | | mg/kg | |
| MANGANESE | | 7439-96-5 | 123.18 | 91.90 | 162.00 | 20.38 | mg/Kg | 15 | 15 | 100 | 347.76 | mg/kg | 0.466 |
| NICKEL | | 7440-02-0 | 11.64 | 7.80 | 16.20 | 3.00 | mg/Kg | 15 | 15 | 100 | 2044.00 | | 0.008 |
| POTASSIUM | | 7440-09-7 | 1878.67 | 1010.00 | 3110.00 | 625.66 | | 15 | 15 | 100 | | , | |
| SELENIUM | *************************************** | 7782-49-2 | 0.29 | 0.20 | 0.48 | 0.09 | mg/kg | 15 | 3 | 20 | 511.00 | mg/kg | 0.001 |
| SODIUM | | 7440-23-5 | 674.13 | 135.00 | 1540.00 | 441.07 | mg/Kg | 15 | 15 | 100 | | | |
| STRONTIUM | | 7440-24-6 | 11.45 | 5.40 | 17.60 | 4.18 | mg/kg | 15 | 15 | 100 | 61320.00 | mg/kg | 0.000 |
| THALLIUM | | 7440-28-0 | 0.48 | 0.37 | 0.96 | 0.14 | mg/kg | 15 | 1 | 7 | • | | |
| TIN | ****** | 7440-31-5 | 0.84 | 0.31 | 2.45 | | mg/Kg | 15 | 12 | 80 | 61320.00 | mg/kg | 0.000 |
| TITANIUM | 4 | 7440-32-6 | 407.00 | 322.00 | 468.00 | 75.90 | mg/kg | 3 | 3 | 100 | | | * -* * 4% |
| VANADIUM | | 7440-62-2 | 29.41 | 16.30 | 39.00 | | mg/Kg | 15 | 15 | 100 | 715.40 | mg/kg | 0.055 |
| ZINC | | 7440-66-6 | 29.21 | 19.90 | 74.00 | 13.50 | mg/Kg | 15 | 15 | 100 | 30660.00 | | 0.002 |
| AMERICIUM-241 | | 14596-10-2 | 1.70 | 0.00 | 8.19 | 2.35 | pCi/g | 15 | 15 | 100 | 7.60 | pCi/g | 1.077 |
| CESIUM-134 | 10 10 | 13967-70-9 | 0.18 | 0.02 | 0.25 | 0.08 | pCi/g | 12 | 12 | 100 • | | | |
| CESIUM-137 | | 10045-97-3 | 0.12 | 0.07 | 0.17 | 0.04 | pCi/g | 12 | 12 | 100 | | | |
| PLUTONIUM-238 | ******** | 13981-16-3 | 0.01 | 0.01 | 0.02 | 0.00 | pCi/g | 6 | 6 | 100 | | 4 10 100 | |
| PLUTONIUM-239/240 |) | 10-12-8 | 0.92 | 0.01 | 3.36 | 1.15 | pCi/g | 15 | 15 | 100 | 11.60 | pCi/g | 0.290 |
| STRONTIUM-89 | | 14158-27-1 | 0.26 | 0.00 | 0.50 | 0.19 | pCi/g | 12 | 12 | 100 | | | * ********* |
| STRONTIUM-90 | | 10098-97-2 | 0.01 | -0.10 | 0.20 | 0.09 | pCi/g | 12 | 12 | 100 | | | · · · · · · · · · · · · · · · · · · · |
| URANIUM-233,-234 | | 11-08-5 | 1.71 | 0.68 | 4.66 | 0.92 | pCi/g | 15 | 15 | 100 | 30.00 | pCi/g | 0.155 |
| URANIUM-235 | | 15117-96-1 | 0.13 | | 0.27 | 0.08 | pCi/g | 15 | 15 | 100 | 0.80 | pCi/g | 0.337 |
| URANIUM-238 | - am. | 7440-61-1 | 1.36 | 0.52 | 2.68 | 0.61 | pCi/g | 15 | 15 | 100 | 35.10 | pCi/a | 0.076 |

Table A.14 - Solar Evaporation Ponds AOC - Summary Statistics for Analytes Detected in Subsurface Samples Less Than 6 Feet Detection Total Frequency PRG @10-6 CAS NO Mean or HQ=0.1 Max/PRG Analyte Name Min SĎ Units Samples Units Max (%) 6909.30 mg/Kg 7429-90-5 12638.82 2250 39100 102 100 14762.8 mg/kg 2.64855 Aluminum Arsenic 7440-38-2 4.75 0.295 15.5 3.21 mg/Kg 103 94 2.2 mg/kg 7.14246 1140.47 mg/Kg 7440-39-3 11600 99 1833.3 mg/kg 6.32726 Barium 210.60 13 45 102 1.10 mg/Kg Beryllium 7440-41-7 1.05 0.12 5.6 102 37 66.5 ma/ka 08423 Cadmium 7440-43-9 15.59 0.1 547 67.93 mg/Kg 97 30 95.5 mg/kg 5.72912 7440-70-2 706 325000 57180.74 mg/Kg 102 100 CALCIUM 38219 59 9.85 mg/Kg 100 3.76821 CHROMIUM 7440-47-3 15.83 3.8 56.9 102 15.1 mg/kg 87 38576 Cobalt 7440-48-4 6.23 0.95 36.2 4.28 mg/Kg 102 93.8 mg/kg 4088.0 mg/kg Copper 7440-50-8 11.10 1.8 46.9 7.34 mg/Kg 102 96 01147 57-12-5 0.08 4.92 mg/kg 51 27 2044.0 mg/kg 01502 Cyanide 1.60 30.7 30660.0 mg/kg 3210 31100 102 100 Iron 7439-89-6 12160.88 5307.71 mg/Kg 1.01435 Lead 7439-92-1 10.23 2.1 37.2 6.76 mg/Kg 103 97 400.0 mg/kg .093 Lithium 7439-93-2 13.53 1.9 60 10.54 mg/Kg 103 98 2044.0 mg/kg 02935 1153.52 mg/Kg 2587.45 703 6460 102 100 MAGNESIUM 7439-95-4 Manganese 7439-96-5 187.24 43.6 1220 168.80 mg/Kg 102 100 220.0 mg/kg 5.54606 1484.0 mg/kg 00728 0.025 10.8 28 Mercury 7439-97-6 0.23 1.12 mg/Kg 93 2.66 mg/Kg Molybdenum 7439-98-7 2.71 0.5 101 18 511.0 mg/kg 02779 14.2 7440-02-0 14.63 0.95 61.8 10.68 mg/Kg 99 86 2044.0 mg/kg 03023 Nickel 430.90 MG/KG 100 163520.0 mg/kg 752 44 1600 00978 14797-55-8 206 9 Nitrate 21100 2789.97 mg/Kg 92 POTASSIUM 7440-09-7 2711.38 66 103 0.09 95 11 .00616 Selenium 7782-49-2 0.45 3.15 0.63 mg/Kg 511.0 mg/kg 2817.25 mg/Kg SILICON 7440-21-3 2607.95 360 14000 55 98 511.0 mg/kg Silver 7440-22-4 0.96 0.205 5.2° 0.63 mg/Kg 100 12 01018 1864.89 mg/Kg SODIUM 7440-23-5 1466.01 100.5 10200 102 61 68.56 mg/Kg 61320.0 mg/kg Strontium 7440-24-6 72.22 354 102 86 00577 18.6 SULFIDE 18496-25-8 5.50 3.90 mg/kg 61 8 THALLIUM 7440-28-0 0.28 0.024 1.25 0.26 mg/Kg 98 23 61320.0 mg/kg 7440-31-5 13.59 62.8 12.41 mg/Kg 101 .00102 Tin 139.78 MG/KG 100 464 Titanium 7440-32-6 258.14 118 Vanadium 7440-62-2 30.22 8.2 82.2 15.92 mg/Kg 102 100 715.4 mg/kg .1149 30660.0 mg/kg Zinc 7440-66-6 29.80 7.2 168 21.51 mg/Kg 102 100 00548 5298325.7 ug/kg 1.1.1-TCA 71-55-6 12.54 2.5 360 79 00007 53.69 ug/Kg 1,1,2,2-Tetrachloroethane 79-34-5 27.08 2.5 1000 123.39 ug/Kg 81 7517.1 ug/kg 13303 100 1,2,3-TRIMETHYLBENZENE 700.00 700 526-73-8 700 ug/Kg 1 1,2,4-Trichlorobenzene 120-82-1 237.67 42 405 98.74 ug/Kg 27 864409.5 ug/kg .00047 600 1-octanol 111-87-5 600.00 600 ug/Kg 1 100 5626.0 ug/kg 2,4-DNT 237.70 405 27 .07199 121-14-2 43 98.66 ug/Kg 4 78-93-3 7.31 2 29 5.99 ug/Kg 26 8 12999759.4 ug/kg 2-Butanone 166.68 ug/Kg 27 2044000.0 ug/kg 00046 2-Methylnaphthalene 91-57-6 215.11 35 950. 33 2-PENTANONE, 4-HYDROXY 4-METHYL 123-42-2 77142.86 10000 100000 36839.42 ug/Kg 86 100.72 ug/Kg 4082746.9 ug/kg Acenapthene 83-32-9 211.37 25 395 27 11 .0001 67-64-1 40.36 800 123.81 ug/Kg 67 42 10220000.0 ug/kg 80000 Acetone 348.9 ug/kg 50-32-8 237.65 34 405 98.31 ug/Kg 26 1.1609 Benzo(a)pyrene 4 196305.7 ug/kg 84.49 ug/Kg 00219 117-81-7 144.41 38 430 27 48 Bis(2-ethylhexyl)phthalate 27 4746410.8 ug/kg Butyl benzylphthalate 85-68-7 159.19 23 375 87.11 ug/Kg 26 .00003 348343.8 ug/kg 405 98.51 ug/Kg 27 Ź .00116 218-01-9 224 19 Chrysene 43 DI-n-BUTYL PHTHALATE 136.22 27 330 27 7373205.4 ug/kg .00004 84-74-2 79.47 ug/Kg 41 1474641.1 00027 Di-n-octylphthalate 117-84-0 243.33 45 405 99.35 ug/Kg 27 4 ug/kg 100.05 ug/Kg 58985643.2 ug/kg 237.50 20 405 26 ġ .00001 Diethyl phthalate 84-66-2 ETHYL ACETATE 141-78-6 1000.00 1000 1000 ug/Kg 100 .00015 405 95.70 ug/Kg 27 2721831.2 ug/kg 206-44-0 236.81 59 Fluoranthene 4 Fluorene 86-73-7 222.85 21 395 97.80 ug/Kg 27 4082746.9 ug/kg .0001 Lauric Diathanolamide 120-40-1 5125.00 1000 8000 2031.01 ug/Kg 8 100 85.04 ug/Kg 186995.0 ug/kg .00289 75-09-2 22.44 540 80 46 Methylene chloride 1 MYRISTIC ACID 900.00 900 544-63-8 900 ug/Kg 100 n-DODECANE 112-40-3 1260.00 300 2000 733.48 ug/Kg 5 80 n-HEXADECANE 544-76-3 700.00 400 1000 424.26 ug/Kg 2 100 00052 n-Nitrosodiphenylamine 237,11 67 405 27 780748.7 ug/kg

n-TETRADECANE

Octametylcylotetrasiloxane

n-UNDECANE

Naphthalene

1

3000

2000

395

2000

95.14 ug/Kg

500.00; ug/Kg

577.35 ug/Kg

86.81 ug/Kg

697.61 ug/Kg

75

100

19

83

199085.5 ug/kg

.00198

4

3

27

86-30-6

629-59-4

1120-21-4

91-20-3

556-67-2

2750.00

1666.67

206.30

1566.67

2000

1000

59

| Report Arm Ball S | 1 4 4 3 | Sec. 26 | 33.436.44 | . 100 M | 100000 | 00.00 | Total | Detection | e Soils Greater than 6 I | |
|---------------------------------------|------------|-------------------|-----------|---------------|----------|----------------|-----------------|---------------|--------------------------------|---------------------------------------|
| ANALYTE NAME | CAS NO | Mean | Min | Max | SD | LIMITS | 1 V/ 2 V - 1000 | Frequency (%) | HQ=0.1 Unit | Max/PRG |
| | 7429-90-5 | 8364.44 | 2160 | 42400 | | | 72 | 100 | 14762.8 mg/kg | 2.872 |
| | 7440-36-0 | 4.69 | 1.15 | 6.3 | | mg/kg | 57 | 2 | 40.9 mg/kg | 0.154 |
| Arsenic | 7440-38-2 | 4.06 | 0.19 | 24.6 | | ma/ka | 72 | 93 | 2.2 mg/kg | 11.336 |
| | 7440-39-3 | 147.26 | 9.7 | 4150 | 496.56 | | 72 | 90 | 1833.3 mg/kg | 2.264 |
| · | 7440-33-3 | 0.89 | 0.17 | 3.1 | | mg/kg | 72 | 32 | 66.5 mg/kg | 0.047 |
| | 7440-43-9 | 2.78 | 0.09 | 61.4 | | ma/ka | 64 | 22 | 95.5[mg/kg | 0.643 |
| | 7440-70-2 | 20685.00 | | | 44795.88 | | 72 | . 100 | 33.3(111g/kg) | 0.043 |
| CESIUM | 7440-76-2 | 152.09 | 7.15 | 2410 | | | 72 | 4 | | |
| | 7440-47-3 | 9.73 | 1.35 | 34.4 | | mg/kg | 72 | 94 | 15.1 mg/kg | 2.278 |
| Cobalt | 7440-48-4 | 6.64 | 0.365 | 33.8 | | mg/kg | 72 | 85 | 93.8 mg/kg | 0.360 |
| | 7440-46-4 | 12.37 | 1.95 | 50.2 | | mg/kg mg/kg | 72 | 96 | 93.8; mg/kg 4088.0 mg/kg | 0.360 |
| | 57-12-5 | | | | | | | | | |
| | 7439-89-6 | 0.35 11435.14 | 0.095 | 1.94 50800 | | mg/kg | 39 72 | 8 99 (| 2044.0 mg/kg | 0.001 1.657 |
| | 7439-89-8 | 12.35 | | 38.7 | 7680.03 | | 71 | 99 · 100 | 30660.0 mg/kg | |
| | | | 2.4 | | | mg/kg | | | 400.0 mg/kg | 0.097 |
| | 7439-93-2 | 7.31 | 0.31 | 79.9 | | mg/kg | 72 | 82 | 2044.0 mg/kg | 0.039 |
| MAGNESIUM | 7439-95-4 | 2256.00 188.57 | 425 | 5860 | 1089.79 | | 72 | 99 | 000 01 0 | 44.071 |
| | 7439-96-5 | | 21.5 | 3140 | 377.98 | | 72 | 100 | 220.0 mg/kg | 14.274 |
| | 7439-97-6 | 0.14 | 0.025 | 2.1 | | mg/kg | 60 | 20 | 1484.0 mg/kg | 0.001 |
| | 7439-98-7 | 2.49 | 0.5 | 11.4 | | mg/kg | 68 | 9 | 511.0 mg/kg | 0.022 |
| | 7440-02-0 | 14.94 | 0.85 | 82.1 | | mg/kg | 70 | 83 | 2044.0 mg/kg | 0.040 |
| POTASSIUM | 7440-09-7 | 1594.76 | 180 | 7870 | 1368.37 | | 65 | 91 | | |
| Selenium | 7782-49-2 | 0.32 | 0.09 | 2.3 | | mg/kg | 65 | 5 | 511.0 mg/kg | 0.005 |
| | 7440-21-3 | 2351.80 | 424 | 9450 | 2300.15 | | 41 | 100 | | |
| | 7440-22-4 | 0.98 | 0.275 | 2.9 | | mg/kg | 70 | 11 | 511.0 mg/kg | 0.006 |
| | 7440-23-5 | 768.27 | 80 | 7010 | 1297.60 | | 72 | 46 | | |
| | 7440-24-6 | 71.10 | 8.2 | 398 | | mg/kg | 72 | 76 | 61320.0 mg/kg | 0.006 |
| | 18496-25-8 | 4.85 | 1 | 13.6 | | mg/kg | 57 | 7 | | |
| | 7440-28-0 | 0.24 | 0.105 | 2.1 | | mg/kg | 63 | 6 | | |
| Tin | 7440-31-5 | 14.71 | 2.4 | 91.1 | | mg/kg | 68 | 18 | 61320.0 mg/kg | 0.001 |
| Vanadium | 7440-62-2 | 23.91 | 3 | 58.4 | | mg/kg | 72 | 96 | 715.4 mg/kg | 0.082 |
| Zinc | 7440-66-6 | 38.84 | 8 | 124 | | mg/kg | 72 | 100 | 30660.0 mg/kg | 0.004 |
| 2-HEXANONE | 591-78-6 | 6.95 | 5 | 61 | | ug/kg | 76 | 1 | | |
| | 67-64-1 | 95.67 | 4 | 2700 | 397.40 | | 68 | 46 | 10220000.0 ug/kg | 0.000 |
| | 117-81-7 | 185.43 | 46 | 205 | | ug/kg | 14 | 7 | 196305.7 ug/kg | 0.001 |
| DI-n-BUTYL PHTHALATE | | 185.86 | 52 | 205 | | ug/kg | 14 | 7 | 7373205.4[ug/kg | 0.000 |
| Methylene chloride | 75-09-2 | 35.55 | 1 | 630 | 121.40 | | 88 | 59 | 186995.0 ug/kg | 0.003 |
| PALMITIC ACID | 57-10-3 | 325.00 | 230 | 420 | 134.35 | ug/kg | 2 | 100 | | |
| Tetrachloroethene | 127-18-4 | 22.53 | 2 | 370 | 79.04 | ug/kg | 88 | 7 | 55126.4 ug/kg | 0.007 |
| | 108-88-3 | 92.77 | 2.5 | 370 | | ug/kg | 88 | 77 | 1965581.8jug/kg | 0.000 |
| Americium-241 | 14596-10-2 | 0.03 | -0.06 | 0.28 | 0.04 | pCi/g | 116 | 72 | 2.9 pCi/g | 0.096 |
| | 13967-70-9 | 0.04 | -0.032 | 0.12 | 0.05 | pCi/g | 39 | 44 | | |
| CESIUM-137 | 10045-97-3 | 0.00 | -0.038 | 0.0122 | 0.01 | pCi/g | 59 | 2 | | |
| GROSS ALPHA | 12587-46-1 | 21.29 | -0.498 | 116.7 | | pCi/g | 130 | 92 | 1 | · · · · · · · · · · · · · · · · · · · |
| GROSS BETA | 12587-47-2 | 22.67 | 7.1 | 55 | 7.09 | pCi/g | 133 | 94 | | |
| Plutonium-239/240 | 10-12-8 | 0.03 | -0.06 | 0.83 | | pCi/g | 119 | 68 | 6.6 pCi/g | 0.125 |
| RADIUM-226 | 13982-63-3 | 1.12 | 0.37 | 6.838 | | pCi/g | 55 | 93 | i i | |
| RADJUM-228 | 15262-20-1 | 1.48 | 0.63 | 3.5 | | pCi/g | 57 | 96 | <u> </u> | |
| STRONTIUM-89,90 | 11-10-9 | 0.15 | -0.4 | 1.1 | | pCi/g | 104 | 68 | <u> </u> | |
| · · · · · · · · · · · · · · · · · · · | 10028-17-8 | 0.84 | 0.58 | 3.8 | | pCi/g | 61 | 69 | i | |
| | 11-08-5 | 1.20 | 0.242 | 10.99 | | pCi/g | 132 | 95 | 17.4 pCi/g | 0.632 |
| Uranium-235 | 15117-96-1 | 0.06 | -0.005 | 0.3832 | | pCi/g | 71 | 61 | 0.23 pCi/g | 1.698 |
| Uranium-238 | 7440-61-1 | 1.13 | 0.19 | 9.288 | | pCi/g | 132 | 97 | 1.0 pCi/g | 8.987 |

Table A.16 Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes for Samples with Null Sample Depths

| ANALYTE NAME | CAS NO | Mean Min | Max | SD Unit | Total Samples | The sound of the second of the | PRG @ 10-6 or HQ=0.1 | Max/PRG |
|---------------------|----------|-----------|-----|-----------|------------------|--|-------------------------|---------|
| Acetone | 67-64-1 | 50.8 13.5 | 140 | 60 ug/Kg | 4 | 25 | 10220000 ug/kg | 0.00001 |
| ≀Methylene chloride | 75-09-2 | 23.8 3 | 69 | 31 ug/Kg | 4 | 25 | 186994.958 ug/kg | 0.00037 |
| Toluene | 108-88-3 | 218 62 | 450 | 166 ug/Kg | 4 | 100 | 1965581.77 ug/kg | 0.00023 |

| Table A | .17 Solar Eva | poration Ponds A | OC - Sun | nmary S | Statistics for No | n-Detected | Analytes - Surfac | e Soils | |
|------------------------------|-----------------------|------------------|----------|---------|-------------------|------------|-------------------|--|---------------------------------------|
| A SECULAR CONTRACTOR | 1 3 a | Mean | | Max | \$5. 20 S | Total | Detection * | -PRG @ 10-6 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| ANALYTE NAME | CAS NO. | | Min | | * SD Units | Samples | Frequency (%) | or HQ=0.1 Unit | Max/PRG |
| Molybdenum 1,1,1-TCA | 7439-98-7 171-55-6 | 2.26 | 0.29 | 4.95 | | 73 | 0 ; | 511 mg/kg | .0096869 |
| 1,1,2-TCA | 79-00-5 | 3.00 | 3: | 3 | | 1 1 | 0 | 5298325.735 ug/kg | .0000006 |
| 1,1-DCA | 75-34-3 | 3.00 | 3 | 3 | | 1 1 | 0 | 16202.5729 ug/kg | .0001852 |
| 11.1-DCE | 75-35-4 | 3.00 | 3 | 3 | | <u> </u> | 0 | 1455931.358 ug/kg 1126.981499 ug/kg | .0000021 |
| 1,2,4-Trichlorobenzene | | 207.84 | 170 | 370 | | 67 | 0 | 864409.5168 ug/kg | .002662 |
| 11,2-DCA | 107-06-2 | 3.00 | 3 | 3/0 | | 1 | 0 | 6946.817601 ug/kg | .000428 |
| 1,2-DCB | 95-50-1 | 207.84 | 170 | 370 | -0 0 | 67 | 0 | 2130957.741 ug/kg | .0004319 |
| 1.2-DICHLOROETHENE | 540-59-0 | 3.00 | 3 | 3 | | 1 | 0 | 919800 ug/kg | .0000033 |
| 1,2-Dichloropropane | 78-87-5 | 3.00 | 3 | 3 | | 1 1 | 0 | 20323.30144 ug/kg | .0000033 |
| 1,3-DICHLOROBENZENE | 541-73-1 | 207.84 | 170 | 370 | | 67 | Ö | 20020.00 144 Ug/kg | .0001470 |
| 1,4-DCB | 106-46-7 | 208.69 | 170 | 370 | 41.88 ug/Kg | 65 | Ö | 63143.48706 ug/kg | .0058597 |
| 2,4,5-Trichlorophenol | 95-95-4 | 1035.82 | 850 | 1850 | | 67 | Ö | 10220000 ug/kg | .000181 |
| 2,4,6-Trichlorophenol | 88-06-2 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | Ö | 345925.4524 ug/kg | .0010696 |
| 2,4-Dichlorophenol | 120-83-2 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | ō | 306600 ug/kg | .0012068 |
| 12,4-Dimethylphenol | 105-67-9 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 2044000 ug/kg | .000181 |
| 2,4-Dinitrophenol | 51-28-5 | 1035.82 | 850 | 1850 | 207.77 ug/Kg | 67 | 0 | 204400 ug/kg | .0090509 |
| 2,4-DNT | 121-14-2 | 208.11 | 170 | 370 | 41.83 ug/Kg | 66 | . 0 | 5625.983014 ug/kg | .0657663 |
| 2,6-DNT | 606-20-2 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 5625.983014 ug/kg | .0657663 |
| 2-Butanone | 78-93-3 | 6.00 | 6 | 6 | ug/Kg | 1 | 0 | 12999759.38 ug/kg | .0000005 |
| 2-Chloronaphthalene | 91-58-7 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | - 6 | 8176000 ug/kg | .0000453 |
| 2-Chlorophenol | 95-57-8 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | - | 511000 ug/kg | .0007241 |
| 2-HEXANONE | 591-78-6 | 6.00 | 6 | 6 | ug/Kg | 1 1 | 0 | 311000 ug/kg | .0007241 |
| 2-Methylphenol | 95-48-7 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 ; | 3686602.698 ug/kg | .0001004 |
| 2-Nitroaniline | 88-74-4 | 1035.82 | 850 | 1850 | 207.77 ug/Kg | 67 | 0 | 985280.6017 ug/kg | .0011004 |
| 2-NITROPHENOL | 188-75-5 | 207.84 | . 170. | 370 | 41.57 ug/Kg | 67 | | JJJZJJJ.OUT/ Ug/kg | .0010//6 |
| 3,3'-Dichlorobenzidine | 91-94-1 | 414.84 | 340 | 750 | 87.05 ug/Kg | 62 | 0 | 6133.385357 ug/kg | .1222816 |
| 3-NITROANILINE | 99-09-2 | 1035.82 | 850 | 1850 | | 67 | 0 1 | 0133.363337 ug/kg | .1222010 |
| 4,4'-DDD | 72-54-8 | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | - 6 + | 14285.5858 ug/kg | .00126 |
| 4.4'-DDE | 72-55-9 | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | 0 1 | 10083.94292 ug/kg | .00128 |
| 4,4'-DDT | 50-29-3 | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | 0 ; | 10033.34292 ug/kg | .001785 |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 1035.82 | 850 | 1850 | 207.77 ug/Kg | 67 | 0 1 | 102200 ug/kg | .0181018 |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 102200/09/kg | .0101010 |
| 4-Chloroaniline | 106-47-8 | 207.84 | 170 | 370 | 41.57; ug/Kg | 67 | 0 1 | 294928.2159 ug/kg | 0040545 |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 1 | 254526.2135jug/kg | .0012545 |
| 4-METHYL-2-PENTANONE | 108-10-1 | 6.00 | 6 | 6 | ug/Kg | 1 | 0 : | 1049764 735 | 0000057 |
| 4-NITROANILINE | 100-01-6 | 1035.82 | 850 | 1850 | 207.77; ug/Kg | 67 | 0 : | 1048764.735 ug/kg | .0000057 |
| ACENAPHTHYLENE | 208-96-8 | 207.84 | 170 | 370 | 41.57; ug/Kg | 67 | 0 1 | | |
| Aldrin | 309-00-2 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | 161.6635306 ug/kg | 0550740 |
| alpha-BHC | 319-84-6 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | 523.3268079 ug/kg | .0556712 .0171977 |
| alpha-Chlordane | 5103-71-9 | 50.65 | 41 | 90 | 10.25 ug/Kg | 61 | 0 | 9419.882543 ug/kg | |
| Arocior-1016 | 12674-11-2 | 49.23 | 32 | 90 | 11.03 ug/Kg | 66 | 0 | 4643.826191lug/kg | .0095543 |
| Arocior-1221 | 11104-28-2 | 49.23 | 32 | 90 | 11.03 ug/Kg | 66 | 0 | 1236.909303 ug/kg | .072762 |
| Aroclar-1232 | 11141-16-5 | 48.44 | 21.5 | 90 | 12.54 ug/Kg | 66 | 0 | 1236.909303 ug/kg | .072762 |
| Aroclor-1242 | 53469-21-9 | 47.61 | 10.5 | 90 | 14.55 ug/Kg | 66 | 0 | 1236.909303/ug/kg | .072762 |
| Aroclor-1248 | 12672-29-6 | 47.61 | 10.5 | 90 | 14.55 ug/Kg | 66 | 0 | 1236.909303 ug/kg | .072762 |
| Aroclor-1260 | 11096-82-5 | 94.28 | 10.5 | 180 | 31.22 ug/Kg | 66 | 0 | 1236.909303 ug/kg | .145524 |
| Benzene | 71-43-2 | 3.00 | 3 | 3 | ug/Kg | 1 | - 0 + | 13748.71341lug/kg | .0002182 |
| Benzoic acid | 65-85-0 | 1047.58 | 850 | 1850 | 211.63 ug/Kg | 62 | 0 | 408800000 ug/kg | |
| Benzyl alcohol | 100-51-6 | 210.08 | 170 | 370 | 42.75 ug/Kg | 60 | | 30660000 ug/kg | .0000045 |
| beta-BHC | 319-85-7 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | | .0000121 |
| beta-Chlordane | 5103-74-2 | 50.65 | 41 | 90 | 10.25 ug/Kg | | | 1831.643828;ug/kg | .0049136 |
| Bis(2-chlorethyl)ether | 111-44-4 | 207.84 | 170 | 370 | 41.57(ug/Kg | 61 67 | 0 1 | 9419.882543;ug/kg | .0095543 |
| BIS(2-CHLOROETHOXY)METHANE | 111-91-1 | 207.84 | 170 | 370 | 41.57/ug/Kg | 67 | 0 | 3477.880408 ug/kg | .1063866 |
| BIS(2-CHLOROISOPROPYL)ETHER | 108-60-1 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | | |
| Bromodichloromethane | 75-27-4 | 3.00 | 3 | 370 | ug/Kg | 1 | 0 ; | 61704 22002 | 0000400 |
| Bromoform | 75-25-2 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 61704.32983 ug/kg 321384.3537 ug/kg | .0000486 |
| Bromomethane | 74-83-9 | 6.00 | 6 | 6 | ug/Kg | 1 | 0 ; | 12009.14094 ug/kg | .0000093 |
| CARBON DISULFIDE | 75-15-0 | 3.00 | 3 | 3 | | | | | .0004996 |
| Carbon tetrachloride | 56-23-5 | 3.00 | 3 | 3 | lug/Kg | 1 1 | 0 | 943153.2538 ug/kg | .0000032 |
| Chlorobenzene | 108-90-7 | 3.00 | 3 | 3 | ug/Kg | | 0 | 5033.018241 ug/kg | .0005961 |
| Chloroethane | 75-00-3 | 6.00 | 6 | 6 | ug/Kg | 1 | 0 | 408246.4463 ug/kg | .0000073 |
| Chloroform | 67-66-3 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 1319196.017 ug/kg | .0000045 |
| Chloromethane | 74-87-3 | 6.00 | 6 | 6 | ug/Kg | | | 1130.428781 ug/kg | .0026539 |
| Cis-1,3-Dichloropropene | 10061-01-5 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 23016.34234 ug/kg | .0002607 |
| delta-BHC | 319-86-8 | 5.06 | 4.1 | 9 | ug/Kg | 1 | 0 | 20095.41645 ug/kg | .0001493 |
| Dibromochloromethane | 124-48-1 | 3.00 | 3 | 3 | 1.02 ug/Kg | 61 | 0 | 20057 40455 | 00000 |
| Dieldrin | 60-57-1 | 10.11 | 8 | | ug/Kg | 1 | 0 | 32857.42155 ug/kg | .0000913 |
| DIESEL FUEL | 68334-30-5 | 13.50 | | 14.5 | 2.06 ug/Kg | 61 | 0 | 171.7675013 ug/kg | .1047928 |
| Dimethly phthalate | 131-11-3 | | 13 | 14.5 | 0.87 mg/Kg | 3 | 0 | 707000000 | |
| ENDOSULFAN I | 959-98-8 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | . 0 | 737320539.6 ug/kg | .0000005 |
| ENDOCULEAN III | 33213-65-9 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | 442392.3238 ug/kg | .0000203 |
| ENDOSULFAN II | | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | 0 | 442392.3238 ug/kg | .0000407 |
| ENDOSOLFAN SOLFATE ENDRIN | 1031-07-8 | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | 0 | 442392.3238 ug/kg | .0000407 |
| ENDRIN KETONE | 72-20-8 53494-70-5 | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | 0 | 22119.61619 ug/kg | .0008138 |
| Ethylbenzene | 100-41-4 | 10.11 | 8 | 18 | 2.06 ug/Kg | 61 | 0 | 0.0000 | |
| | 100-1-4 | 3.00 | 3] | 3 | ug/Kg | 1] | 0 | 249767.9483 ug/kg | .000012 |

| Table A.17 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes - Surface Soils |
|---|
|---|

| and the state of t | 4 | | 2 | 37 | | Total | Detection | PRG @ 10-6 | |
|--|------------|---------|------|------|--------------|---------|---------------|-------------------|----------|
| ANALYTE NAME | CAS NO | Mean 🤏 | Min | Max | SD Units | Samples | Frequency (%) | | Max/PRG |
| gamma-BHC (Lindane) | 58-89-9 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | 2549.133679 ug/kg | .0035306 |
| GASOLINE | 8006-61-9 | 270.00 | 260, | 285 | 13.23 ug/Kg | 3 | ! 0 | | |
| Heptachlor | 176-44-8 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | 610.7288934 ug/kg | .0147365 |
| Heptachlor epoxide | 1024-57-3 | 5.06 | 4.1 | 9 | 1.02 ug/Kg | 61 | 0 | 302.0087934 ug/kg | .0298005 |
| Hexachlorobenzene | 1118-74-1 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 1717.675013 ug/kg | .2154075 |
| Hexachlorobutadiene | 87-68-3 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 14746.41079;ug/kg | .0250909 |
| Hexachlorocyclopentadiene | 77-47-4 | 207.84 | 170; | 370 | 41.57(ug/Kg | 67 | 0 | 305142.542 ug/kg | .0012125 |
| Hexachloroethane | 67-72-1 | 207.84 | 170 | 370 | 41.57i ug/Kg | 67 | 0 | 73732.05396 ug/kg | .0050182 |
| Isophorone | 78-59-1 | 207.84 | 170, | 370 | 41.57 ug/Kg | 67 | 0 | 2905287.8 ug/kg | .0001274 |
| Methoxychlor | 72-43-5 | 50.65 | 41 | 90 | 10.25 ug/Kg | 61 | 0 | 511000 ug/kg | .0001761 |
| Nitrobenzene | 98-95-3 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 26629.80934 ug/kg | .0138942 |
| n-Nitrosodi-n-propylamine | 621-64-7 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 546.5240642 ug/kg | .6770059 |
| n-Nitrosodiphenylamine | 86-30-6 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 780748.6631 ug/kg | .0004739 |
| p-BROMODIPHENYL ETHER | 101-55-3 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | | |
| Pentachlorophenol | 87-86-5 | 1035.82 | 850 | 1850 | 207.77 ug/Kg | 67 | 0 | 16222.14497 ug/kg | .1140416 |
| Phenol | 108-95-2 | 207.84 | 170 | 370 | 41.57 ug/Kg | 67 | 0 | 61320000 ug/kg | .000006 |
| Styrene | 100-42-5 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 9624882.831 ug/kg | .0000003 |
| TCE | 79-01-6 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 1258.740281 ug/kg | .0023833 |
| Tetrachloroethene | 127-18-4 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 55126.377 ug/kg | .0000544 |
| Toluene | 108-88-3 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 1965581.77 ug/kg | .0000015 |
| Toxaphene | 8001-35-2 | 101.15 | 80 | 180 | 20.56 ug/Kg | 61 | 0 | 2498.436382 ug/kg | .0720451 |
| Trans-1,3-Dichloropropene | 10061-02-6 | 3.00 | 3 | 3 | ug/Kg | 1 | 0 | 20095.41645 ug/kg | .0001493 |
| TRIBUTYL PHOSPHATE | 126-73-8 | 175.00 | 175 | 175 | 0.00 ug/Kg | 5 | 0 | | |
| Vinyl acetate | 108-05-4 | 6.00 | 6 | 6 | ug/Kg | 1 | 0 | 92601905.06 ug/kg | .0000001 |
| Vinyl chloride | 75-01-4 | 6.00 | 6, | 6 | ug/Kg | 1 | 0 | 1830.340783 ug/kg | .0032781 |
| Xylenes (total) | 1330-20-7 | 3.00, | 3 | 3 | ug/Kg | 1 | 0 | 204400000 ug/kg | .0000001 |



| ANALYTE NAME | CAS NO | Mean | ~Min- | Max | SDE . S UNITS | Total Samples | Detection Frequency (%) | # HQ=0.1 % Unit | Max/PRG |
|--|---|---|--|--|--|---|---|--|--|
| Antimony CESIUM | 7440-36-0 7440-46-2 | 4.55 _i 53.19 | 1.25 5.5 | 14.25 125 | 2.21 mg/Kg | 90 103 | 0 | 40.9 mg/kg | .348581 |
| | 79-00-5 | 12.58 | 2.5 | 360 | 36.42 mg/Kg 53.69 ug/Kg | 79 | 0 | 16202.6 ug/kg | .022219 |
| | 75-34-3 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | Ö | 1455931.4 ug/kg | .000247 |
| | 75-35-4 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | 0 | 1127.0 ug/kg | .319437 |
| | 107-06-2 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | 0 | 6946.8;ug/kg | .051822 |
| | 95-50-1 | 248.33 | 175 | 405 | 92,12 ug/Kg | 27 | 0 | 2130957.7 ug/kg | .00019 |
| | 540-59-0 | 12.58 | 2.5 | 360 | 54.04 ug/Kg | 78 | 0 | 919800.0 ug/kg | .000391 |
| | 78-87-5 541-73-1 | 12.58 248.33 | 2.5 175 | 360 405 | 53.69 ug/Kg | 79 27 | 0 | 20323.3 ug/kg | .017714 |
| | 106-46-7 | 248.33 | 175 | 405 | 92.12 ug/Kg 92.12 ug/Kg | 27 | 0 | 63143.5 ug/kg | .006414 |
| | 95-95-4 | 922.22 | 850 | 1100 | 57.74 ug/Kg | 27 | - | 10220000.0 ug/kg | .000118 |
| | 88-06-2 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | Ö | 345925.5 ug/kg | .001171 |
| 2,4-Dichlorophenol | 120-83-2 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 306600.0 ug/kg | .001321 |
| | 105-67-9 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 2044000.0 ug/kg | .000198 |
| | 51-28-5 | 922.22 | 850] | 1100 | 57.74 ug/Kg | 27 | 0 | 204400.0 ug/kg | .005382 |
| | 606-20-2 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 5626.0 ug/kg | .071987 |
| | 110-75-8 | 25.00 | 25 | 25 | ug/Kg | 1 | 0 | | |
| | 91-58-7 95-57-8 | 248.33 | 175 175 | 405 405 | 92.12 ug/Kg | 27 27 | 0 | 8176000.0 ug/kg | .00005 |
| | 591-78-6 | 7.81 | 2.5 | 32 | 92.12 ug/Kg 6.91 ug/Kg | 77 | 0 | 511000.0 ug/kg | .000793 |
| | 95-48-7 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 3686602.7;ug/kg | .00011 |
| | 88-74-4 | 922.22 | 850; | 1100 | 57.74 ug/Kg | 27 | 0 | 985280.6 ug/kg | .001116 |
| | 88-75-5 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | Ö | | 1 |
| | 91-94-1 | 372.41 | 330 | 445 | 23.10 ug/Kg | 27 | 0 | 6133.4 ug/kg | .072554 |
| | 99-09-2 | 922.22 | 850 | 1100 | 57.74;ug/Kg | 27 | 0 | | |
| | 72-54-8 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 14285.6 ug/kg | .000735 |
| | 72-55-9 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 10083.9 ug/kg | .001041 |
| | 50-29-3 534-52-1 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 10030.8 ug/kg | .001047 |
| | 59-50-7 | 920.37 | 850 175 | 1100 405 | 55.92 ug/Kg | 27 27 | 0 | 102200.0 ug/kg | .010763 |
| | 106-47-8 | 248.33 | 175 | 405 | 92.12 ug/Kg 92.12 ug/Kg | 27 | 0 | 294928.2 ug/kg | .001373 |
| -CHLOROPHENYL PHENYL ETHER | | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 294928.2 Ug/kg | .001373 |
| | 108-10-1 | 7.81 | 2.5 | 32 | 6.91 ug/Kg | 77 | 0 | 1048764.7 ug/kg | .000031 |
| | 106-44-5 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | Ō | 368660.3 ug/kg | .001099 |
| | 100-01-6 | 920.37 | 850 | 1100 | 55.92 ug/Kg | 27 | 0 | 1 | |
| | 100-02-7 | 922.22 | 850 | 1100 | 57.74 ug/Kg | 27 | 0 | 817600.0 ug/kg | .001345 |
| | 208-96-8 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | : | |
| | 309-00-2 | 4.32 | 1 | 5.5 | 0.90 ug/Kg | 17 | 0 | 161.7 ug/kg | .034021 |
| | 319-84-6 | 4.32 | 43: | 5.5 | 0.90 ug/Kg | 17 | 0 | 523.3 ug/kg | .01051 |
| | 5103-71-9 120-12-7 | 45.25 248.33 | 175 | 55 405 | 2.99 ug/Kg 92.12 ug/Kg | 16 27 | 0 | 9419.9iug/kg | .005839 |
| ······································ | 12674-11-2 | | 10 | 55 | 9.03 ug/Kg | 17 | 0 | 20413734.3 ug/kg 4643.8 ug/kg | .00002 |
| | 11104-28-2 | | 10 | 55 | 9.03 ug/Kg | 17 | 0 | 1236.9 ug/kg | .044466 |
| | 11141-16-5 | | 10 | 55 | 9.03 ug/Kg | 17 | Ö | 1236.9 ug/kg | .044466 |
| Aroclor-1242 | 53469-21-9 | 43.18 | 10 | 55 | 9.03 ug/Kg | 17 | 0 | 1236.9 ug/kg | .044466 |
| | 12672-29-6 | 43.18 | 10 | 55; | 9.03 ug/Kg | 17 | 0 | 1236.9 ug/kg | .044466 |
| | 11097-69-1 | 85.59 | 20 | 105 | 17.76;ug/Kg | 17 , | 0 | 1236.9 ug/kg | .084889 |
| | 11096-82-5 | 85.59 | 20 | 105 | 17.76 ug/Kg | 17 | 0 | 1236.9 ug/kg | .084889 |
| | 71-43-2 56-55-3 | 12.58 | 2.5 | | | | | | |
| | | | 1==1 | 360 | 53.69 ug/Kg | 79 | . 0 | 13748.7 ug/kg | .026184 |
| lenzo(h)filioranthene | | 248.33 | 175 | 405 | 53.69 ug/Kg 92.12 ug/Kg | 27 | 0 | 13748.7 ug/kg 3489.3 ug/kg | .026184 .11607 |
| | 205-99-2 | 250.96 | 175 | 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg | 27 26 | 0 0 | 13748.7 ug/kg | .026184 |
| SENZO(ghi)PERYLENE | 205-99-2 191-24-2 | 250.96 250.96 | 175 175 | 405 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg | 27 26 26 | 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg | .026184 .11607 .11607 |
| BENZO(ghi)PERYLENE BENZO(k)FLUORANTHENE | 205-99-2 | 250.96 250.96 250.96 | 175 175 175 | 405 405 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg | 27 26 26 26 | 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg | .026184 .11607 .11607 |
| ENZO(ghi)PERYLENE BENZO(k)FLUORANTHENE Benzoic acid | 205-99-2 191-24-2 207-08-9 | 250.96 250.96 | 175 175 | 405 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg | 27 26 26 26 | 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg 408800000.0 ug/kg | .026184 .11607 .11607 .011607 |
| SENZO(ghi)PERYLENE SENZO(k)FLUORANTHENE Senzoic acid senzy alcohol seta-BHC | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 | 250.96 250.96 250.96 903.33 183.85 4.32 | 175 175 175 175 850 175 | 405 405 405 405 950 | 53.69 ug/Kg 92.12 ug/Kg j 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg | 27 26 26 26 26 | 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg | .026184 .11607 .11607 .011607 .000002 |
| ENZO(ghi)PERYLENE SENZO(k)FLUORANTHENE Jenzolic acid Jenzyl alcohol eta-BHC eta-Chlordane | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 | 175 175 175 850 175 1 43 | 405 405 405 405 950 195 5.5 55 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg | 27 26 26 26 15 13 17 16 | 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg 40880000.0 ug/kg 30660000.0 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 |
| ENZO(ghi)PERYLENE SENZO(k)FLUORANTHENE Jenzolc acid Jenzyl alcohol eta-BHC eta-Chlordane Jis(2-chlorethyl)ether | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 | 175 175 175 850 175 1 43 175 | 405 405 405 405 950 195 5.5 55 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg | 27 26 26 26 15 13 17 16 27 | 0 0 0 0 0 0 0 0 | 13748.7i ug/kg 3489.3i ug/kg 3489.3i ug/kg 34892.7i ug/kg 408800000.0i ug/kg 30660000.0i ug/kg 1831.6i ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 |
| ENZO(ghi)PERYLENE SENZO(k)FLUORANTHENE SENZO(c) SENZO(c | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 | 175 175 175 175 850 175 1 43 175 | 405 405 405 405 950 195 5.5 55 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg | 27 26 26 26 15 13 17 16 27 | 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzyl alcohol eta-BHC eta-Chlordane isi(2-chlorethyl)ether ilS(2-CHLOROETHOXY)METHANE ilS(2-CHLOROISOPROPYL)ETHER | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 | 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 | 175 175 175 850 175 1 43 175 175 | 405 405 405 405 950 195 5.5 55 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 | 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 rjug/kg 408800000.0 ug/kg 30860000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzoic acid lenzoic acid lenzy alcohol leta-BHC eta-Chlordane lis(2-chlorethyl)ether lis(2-CHLOROISOPROPYL)ETHER loromodichloromethane | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 | 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 | 175 175 175 850 175 1 1 43 175 175 175 175 | 405 405 405 405 950 195 5.5 55 405 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 79 | 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzoic acid lenzoic achol leta-BHC eta-Chlordane is(2-chlorethyl)ether iS(2-CHLOROETHOXY)METHANE is(2-CHLOROISOPROPYL)ETHER irromodichloromethane irromodorm | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 | 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 248.33 12.58 12.70 | 175 175 175 850 175 1 43 175 175 175 175 2.5 | 405 405 405 405 950 195 5.5 55 405 405 405 360 360 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 0.90 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.12 ug/Kg 94.12 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 79 78 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r ug/kg 408800000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 61704.3 ug/kg 321384.4 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE enzolc acid enzolc acid eta-BHC eta-Chlordane is(2-chlorethyl)ether IS(2-CHLOROISOPROPYL)ETHER romodichloromethane romomethane | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 | 175 175 175 850 175 1 43 175 175 175 2.5 2.5 | 405 405 405 405 950 195 5.5 55 405 405 405 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.13 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 79 78 76 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE enzoic acid enzyl alcohol eta-BHC eta-Chlordane is(2-chlorethyl)ether iS(2-CHLOROETHOXY)METHANE iS(2-CHLOROISOPROPYL)ETHER romodichloromethane romomethane romomethane ARBAZOLE | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 | 175 175 175 850 175 1 43 175 175 175 175 2.5 2.5 5 | 405 405 405 405 950 195 5.5 55 405 405 405 360 360 700 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 153.69 ug/Kg 54.03 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 79 78 76 12 | 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg 408800000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 61704.3 ug/kg 321384.4 ug/kg 12009.1 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .005834 .00112 .058289 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE enzoic acid enzy alcohol eta-BHC eta-Chlordane is(2-chlorethy)ether is(2-CHLOROISOPROPYL)ETHER romodichloromethane romoform romomethane iARBAZOLE ARBON DISULFIDE | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 | 175 175 175 850 175 1 43 175 175 175 2.5 2.5 | 405 405 405 405 950 195 5.5 55 405 405 405 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.69 ug/Kg 94.03 ug/Kg 95.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 79 78 76 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 61704.3 ug/kg 321384.4 ug/kg 12009.1 ug/kg | .026184 .11607 .11607 .000002 .000006 .003003 .005839 .11645 .005834 .00112 .058289 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE enzoic acid enzoic acid eta-BHC eta-Chlordane is(2-chlorethyl)ether IS(2-CHLOROISOPROPYL)ETHER romodichloromethane romomethane ARBAZOLE ARBON DISULFIDE arbon tetrachloride | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 | 175; 175; 175; 850; 175; 43; 175; 175; 175; 2.5; 5; 175; 2.5; 2.5; 5; 175; 2.5; 2.5; 175; 2.5; | 405 405 405 405 950 195 5.5 55 405 405 405 360 700 405 360 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 35.19 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 153.69 ug/Kg 54.03 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 79 78 76 12 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg 408800000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 61704.3 ug/kg 321384.4 ug/kg 12009.1 ug/kg | .026184 .11607 .11607 .000002 .000006 .003003 .005839 .11645 .005834 .00112 .058289 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE enzoic acid enzyl alcohol eta-BHC eta-Chlordane is(2-chlorethyl)ether is(2-chl-OROETHOXY)METHANE is(2-CHLOROISOPROPYL)ETHER romodichloromethane romoform romomethane ARBAZOLE ARBON DISULFIDE arbon tetrachloride HLORDANE hlorobenzene | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 12.58 12.58 10.00 12.58 | 175 175 175 175 850 175 143 175 175 175 2.5 2.5 5 175 2.5 2.5 2.5 | 405 405 405 405 950 195 5.5 55 405 405 405 360 700 405 360 360 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.689 ug/Kg 53.69 ug/Kg 53.69 ug/Kg | 27 26 26 15 13 17 16 27 27 27 27 27 27 79 78 76 12 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 34892.7 ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 61704.3 ug/kg 321384.4 ug/kg 12009.1 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .00112 .058289 .000382 .071528 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE enzoic acid enzoic acid eta-BHC eta-Chlordane is(2-chlorethy)ether is(2-ChLOROETHOXY)METHANE is(2-CHLOROISOPROPYL)ETHER romodichloromethane romoform romomethane ARBAZOLE ARBON DISULFIDE arbon tetrachloride HLORDANE Islorobenzene ichloroethane | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 75-00-3 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 10.00 12.58 10.00 | 175 175 175 1850 175 1 43 175 175 2.5 2.5 5 175 2.5 5 175 2.5 5 175 2.5 5 5 175 | 405 405 405 405 950 195 5.5 55 405 405 405 360 360 700 405 360 10 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 53.69 ug/Kg 54.03 ug/Kg 107.74 ug/Kg 53.69 ug/Kg 53.69 ug/Kg | 27 26 26 15 13 17 16 27 27 27 27 79 78 76 112 79 79 1 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 ri ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 3477.9 ug/kg 12009.1 ug/kg 12009.1 ug/kg 408246.4 ug/kg 1319196.0 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .00112 .058289 .000382 .071528 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzolc acid lenzolc acid lenzolc acid lenzolc acid lenzolc acid lenzolc acid leta-BHC eta-Chlordane lis(2-Chlorethyl)ether lis(2-CHLOROISOPROPYL)ETHER loromodichloromethane loromoform loromomethane larBAZOLE larBON DISULFIDE larbon tetrachloride liblorobenzene libloroform lichoroethane libloroethane libloroform | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 75-00-3 67-66-3 | 250.96 250.96 250.96 903.33 183.85 43.22 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 10.00 12.58 10.00 12.58 10.00 12.58 | 175 175 175 175 850 175 1 43 175 2.5 2.5 5 175 2.5 5 10 2.5 5 2.5 | 405 405 405 405 950 195 5.5 55 405 405 360 700 405 360 700 405 360 700 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 53.69 ug/Kg 54.03 ug/Kg 107.74 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 79 78 76 12 79 79 1 79 79 79 79 79 79 79 79 79 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r ug/kg 40880000.0 ug/kg 3066000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 321384.4 ug/kg 12009.1 ug/kg 408246.4 ug/kg 1319196.0 ug/kg | .026184 .11607 .11607 .000002 .000006 .003003 .005839 .11645 .00112 .058289 .000382 .071528 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzoic acid leta-BHC eta-Chlordane lis(2-chlorethyl)ether lis(2-ChLOROETHOXY)METHANE lis(2-CHLOROISOPROPYL)ETHER romodichloromethane romomethane laraban Leta-BHC laraban Leta- | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-25-2 74-83-9 86-74-8 75-25-5 74-83-9 108-90-7 75-6-23-5 57-74-9 108-90-7 75-6-3 374-87-3 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 10.00 12.58 10.00 12.58 10.00 12.58 10.00 12.58 10.00 12.58 10.00 12.58 10.00 12.58 10.00 | 175 175 175 175 1850 175 1, 43 175 175 175 2.5 5 175 2.5 175 2.5 5 175 2.5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 405 405 405 405 950 195 5.5 55 405 405 405 360 700 405 360 700 360 700 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 0.90 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 79 78 76 12 79 1 79 79 1 79 79 79 79 79 79 79 79 79 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 vg/kg 408800000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 321384.4 ug/kg 12009.1 ug/kg 5033.0 ug/kg 408246.4 ug/kg 1319196.0 ug/kg 1130.4 ug/kg | .026184 .11607 .11607 .011607 .000002 .00006 .003003 .005839 .11645 .00112 .058289 .071528 .000882 .000882 .000883 .000883 .000883 .0008413 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE Benzolc acid Benzyl alcohol eta-BHC eta-Chlordane Bis(2-ChLOROETHOXY)METHANE BIS(2-CHLOROISOPROPYL)ETHER BIS(2-CHLOROISOPROPYL)ETHER BIS(3-CHLOROISOPROPYL)ETHE | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 75-00-3 67-66-3 74-87-3 10061-01-5 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 328.33 12.58 12.58 12.50 12.58 | 175 175 175 1850 175 1, 43 175 175 2.5 2.5 2.5 2.5 175 2.5 2.5 2.5 5 175 2.5 5 175 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2. | 405 405 405 405 950 195 5.5 55 405 405 405 360 700 405 360 10 360 700 360 700 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.12 ug/Kg 93.12 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.13 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 79 78 79 1 79 78 79 78 79 77 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r ug/kg 40880000.0 ug/kg 3066000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 321384.4 ug/kg 12009.1 ug/kg 408246.4 ug/kg 1319196.0 ug/kg | .026184 .11607 .11607 .011607 .000002 .00006 .003003 .005839 .11645 .00112 .058289 .000382 .071528 .000882 .000882 .000882 .000882 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzoic acid lenzoic acid lenzoic acid lenzoic acid lenzoic acid lenzoic acid leta-BHC leta-Chlordane lis(2-ChloROETHOXY)METHANE lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(2-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER list(3-CHLOROISOPROPY | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 1111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 75-00-3 67-66-3 75-60-3 10061-01-5 319-86-8 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 328.33 12.58 10.00 12.58 25.21 12.58 25.21 12.58 4.32 4.32 | 175 175 175 175 1850 175 11 43 175 175 175 175 2.5 2.5 175 2.5 5 175 2.5 5 175 5 5 175 5 175 5 175 5 175 17 | 405 405 405 405 950 195 5.5 55 405 405 360 700 405 360 700 360 700 360 700 360 700 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 53.69 ug/Kg 54.03 ug/Kg 107.74 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg | 27 26 26 15 13 17 16 27 27 27 79 78 76 12 79 79 17 79 79 17 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.2 r. ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 61704.3 ug/kg 321384.4 ug/kg 12009.1 ug/kg 943153.3 ug/kg 5033.0 ug/kg 1319196.0 ug/kg 1130.4 ug/kg 23016.3 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .005834 .00112 .058289 .071528 .000882 .000831 .318463 .030413 .017915 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzoic acid leta-BHC eta-Chlordane lis(2-ChlOROETHOXY)METHANE lis(2-CHLOROISOPROPYL)ETHER loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloromethane loromodichloropropene elita-BHC liberz(a,h)anthracene | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 75-00-3 67-66-3 74-87-3 10061-01-5 319-86-8 53-70-3 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 10.00 12.58 | 175 175 175 175 175 1850 175 1, 43 175 175 175 2.5 5 175 2.5 5 175 2.5 5 175 2.5 100 2.5 5 5 2.5 11 175 | 405 405 405 405 950 195 5.5 55 405 405 360 360 700 405 360 360 700 360 700 360 700 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 53.69 ug/Kg 107.74 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 106.38 ug/Kg 106.38 ug/Kg 107.09 ug/Kg 107.09 ug/Kg 107.09 ug/Kg 107.09 ug/Kg 92.91 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 27 79 78 76 12 79 79 1 79 79 1 79 79 1 79 79 1 79 79 1 79 79 79 79 79 79 79 79 79 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 321384.4 ug/kg 12009.1 ug/kg 408246.4 ug/kg 1319196.0 ug/kg 1130.4 ug/kg 23016.3 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .00112 .058289 .000382 .071528 .000882 .000831 .318463 .030413 .017915 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE lenzoic acid lenzoic acid lenzoic acid leta-BHC leta-Chlordane lis(2-Chlorethyl)ether lis(2-ChLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPROPYL)ETHER lis(3-CHLOROISOPRO | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-25-2 74-83-9 86-74-8 75-25-2 74-83-9 108-90-7 75-6-23-5 57-74-9 108-90-7 75-6-3 74-87-3 1001-01-5 3101-86-8 53-70-3 132-64-9 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 10.00 12.58 10.00 12.58 12.58 10.00 12.58 | 175 175 175 175 175 175 175 175 | 405 405 405 405 405 950 195 5.5 55 405 405 360 360 700 360 700 360 700 360 700 360 405 405 405 405 405 405 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg 93.69 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 79 78 76 12 79 1 79 79 79 79 79 79 79 79 79 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 408800000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 321384.4 ug/kg 12009.1 ug/kg 408246.4 ug/kg 1319196.0 ug/kg 1319196.0 ug/kg 23016.3 ug/kg 23016.3 ug/kg 23016.3 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .00112 .058289 .00112 .000382 .071528 .000882 .000881 .0117915 .017915 |
| ENZO(ghi)PERYLENE ENZO(k)FLUORANTHENE Benzolc acid Benzyl alcohol eta-BHC eta-Chlordane Bis(2-ChLOROETHOXY)METHANE BIS(2-CHLOROISOPROPYL)ETHER BIS(2-CHLOROISOPROPYL)ETHE | 205-99-2 191-24-2 207-08-9 65-85-0 100-51-6 319-85-7 5103-74-2 111-44-4 111-91-1 108-60-1 75-27-4 75-25-2 74-83-9 86-74-8 75-15-0 56-23-5 57-74-9 108-90-7 75-00-3 67-66-3 74-87-3 10061-01-5 319-86-8 53-70-3 | 250.96 250.96 250.96 903.33 183.85 4.32 45.25 248.33 248.33 12.58 12.70 25.72 328.33 12.58 10.00 12.58 | 175 175 175 175 175 1850 175 1, 43 175 175 175 2.5 5 175 2.5 5 175 2.5 5 175 2.5 100 2.5 5 5 2.5 11 175 | 405 405 405 405 950 195 5.5 55 405 405 360 360 700 405 360 360 700 360 700 360 700 360 700 | 53.69 ug/Kg 92.12 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 92.91 ug/Kg 6.82 ug/Kg 0.90 ug/Kg 2.99 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 92.12 ug/Kg 53.69 ug/Kg 107.74 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 53.69 ug/Kg 106.38 ug/Kg 106.38 ug/Kg 107.09 ug/Kg 107.09 ug/Kg 107.09 ug/Kg 107.09 ug/Kg 92.91 ug/Kg | 27 26 26 26 15 13 17 16 27 27 27 27 27 79 78 76 12 79 79 1 79 79 1 79 79 1 79 79 1 79 79 1 79 79 79 79 79 79 79 79 79 79 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 13748.7 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 3489.3 ug/kg 40880000.0 ug/kg 30660000.0 ug/kg 1831.6 ug/kg 9419.9 ug/kg 3477.9 ug/kg 321384.4 ug/kg 12009.1 ug/kg 408246.4 ug/kg 1319196.0 ug/kg 1130.4 ug/kg 23016.3 ug/kg | .026184 .11607 .11607 .011607 .000002 .000006 .003003 .005839 .11645 .00112 .058289 .000382 .071528 .000882 .000531 .318463 .030413 .017915 |

| TOWN TO THE WALL TO | Sec. 2. 34 | (A) 1889 | 3 33 | Charles of the | cs For Non-Detected Ar | Total | Detection | PRG @10-8 or | 938 X3 | - 10 W. |
|---------------------------|------------|----------|-------|----------------|------------------------|---------|---------------|--------------|--------|---------|
| ANALYTE NAME | CAS NO | Mean | Min | Max | SD UNITS | Samples | Frequency (%) | HQ=0.1 | Unit | Max/PRG |
| ENDOSULFAN I | 959-98-8 | 4.32 | 1 | 5.5 | 0.90 ug/Kg | 17 | 0 | 442392.3 | ug/kg | .000012 |
| ENDOSULFAN II | 33213-65-9 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 442392.3 | ug/kg | .000024 |
| ENDOSULFAN SULFATE | 1031-07-8 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 442392.3 | ug/kg | .000024 |
| ENDRIN | 72-20-8 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 22119.6 | ug/kg | .000475 |
| ENDRIN KETONE | 53494-70-5 | 8.56 | 2 | 10.5 | 1.78 ug/Kg | 17 | 0 | 1 | | |
| Ethylbenzene | 100-41-4 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | 0 | 249767.9 | ug/kg | .001441 |
| gamma-BHC [Lindane] | 58-89-9 | 4.32 | 1 | 5.5 | 0.90iug/Kg | 17 | 0 | 2549.1 | | .002158 |
| Heptachlor | 76-44-8 | 4.32 | 1 | 5.5 | 0.90 ug/Kg | 17 | i 0 | 610.7 | | .009006 |
| Heptachlor epoxide | 1024-57-3 | 4.32 | 1 | 5.5 | 0.90 ug/Kg | 17 | 0 | 302.0 | | .018211 |
| Hexachlorobenzene | 118-74-1 | 248.33 | 175, | 405 | 92.12 ug/Kg | 27 | 0 | 1717.7 | | .235784 |
| Hexachlorobutadiene | 87-68-3 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 14746.4 | | .027464 |
| Hexachlorocyclopentadiene | 77-47-4 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 305142.5 | | .001327 |
| Hexachloroethane | 67-72-1 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 73732.1 | ug/kg | .005493 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 250.96 | 175 | 405 | 92.91 ug/Kg | 26 | 0 | 3489.3 | ug/kg | .11607 |
| Isophorone | 78-59-1 | 248.33 | 175 | 405 | 92.12iug/Kg | 27 | 0 | 2905287.8 | | .000139 |
| Methoxychlor | 72-43-5 | 43.18 | 10 | 55 | 9.03 ug/Kg | 17 | 0 | 511000.0 | | .000108 |
| n-Nitrosodi-n-propylamine | 621-64-7 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 546.5 | ug/kg | .741047 |
| Nitrobenzene | 98-95-3 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | 26629.8 | ug/kg | .015209 |
| p-BROMODIPHENYL ETHER | 101-55-3 | 248.33 | 175 | 405 | 92.12 ug/Kg | 27 | 0 | | | |
| Pentachlorophenol | 87-86-5 | 922.22 | 850 | 1100 | 57.74 ug/Kg | 27 | 0 | 16222.1 | ug/kg | .067809 |
| Stýrene | 100-42-5 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | 0 | 9624882.8 | ug/kg | .000037 |
| Toxaphene | 8001-35-2 | 85.59 | 20 | 105 | 17.76 ug/Kg | 17 | 0 | 2498.4 | ug/kg | .042026 |
| trans-1,2-DICHLOROETHENE | 156-60-5 | 12.50 | 12.5 | 12.5 | iug/Kg | 1 | 0 | | | |
| Trans-1,3-Dichloropropene | 10061-02-6 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | 0 | 20095.4 | ug/kg | .017915 |
| TRIBUTYL PHOSPHATE | 126-73-8 | 191.67 | 175 | 220 | 24.66 ug/Kg | 3 | 0 | ! <i>,</i> | | |
| Vinyl acetate | 108-05-4 | 28.16 | 5 | 700 | 113.74 ug/Kg | 68 | 0 | 92601905.1 | | .000008 |
| Vinyl chloride | 75-01-4 | 24.96 | 5 | 700 | 105.72 ug/Kg | 79 | 0 | 1830.3 | | .382442 |
| Xylenes (total) | 1330-20-7 | 12.58 | 2.5 | 360 | 53.69 ug/Kg | 79 | 0 | 204400000.0 | ug/kg | .000002 |
| PLUTONIUM-238 | 13981-16-3 | 0.00 | 0.003 | 0.003 | lpCi/a | 1 | 0 | | | |

| Table A.19 Solar Evaporation | Ponds AOC - | Summar | y Statis | tics for | Non-De | tected A | nalytes in | | Soils Greater than 6 | |
|----------------------------------|-----------------------|------------------|------------|-------------|--------|----------------|------------|------------|-----------------------------------|---------|
| | | | | | | | Total | Detection | PRG @10-6 or | |
| ANALYTE NAME | CAS NO | Mean | Min | Max | SD | UNITS | Samples | (%) | HQ=0.1 Unit | Max/PRG |
| 1,1,1-TCA | 71-55-6 | 22.49 | 2.5 | | | ug/Kg | 88 | 0 | 5298325.735 ug/kg | .0000 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 22.49 | 2.5 | | | ug/Kg | 88 | 0 | 7517.054714 ug/kg | .04922 |
| 1,1,2-TCA | 79-00-5 | 22.49 | 2.5 | | | ug/Kg | 88 | 0 | 16202.5729 ug/kg | .02283 |
| 1,1-DCA | 75-34-3 | 22.49 | 2.5 | | | ug/Kg | 88 | 0 | 1455931.358 ug/kg | .00025 |
| 1,1-DCE | 75-35-4 | 22.49 | 2.5 | | | ug/Kg | 88 | 0 | 1126.981499 ug/kg | .32831 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 196.07 | 175 | | | ug/Kg | 14 | 0 | 864409.5168 ug/kg | .00023 |
| 1,2-DCA | 107-06-2 | 22.49 | 2.5 | | | ug/Kg | 88 | 0 | 6946.817601 ug/kg | .05326 |
| 1,2-DCB 1,2-DICHLOROETHENE | 95-50-1 540-59-0 | 196.07 22.49 | 175 2.5 | | | ug/Kg ug/Kg | 14 88 | 0 | 2130957.741 ug/kg | .00009 |
| 1,2-Dichloropropane | 78-87-5 | 22.49 | 2.5 | | | ug/Kg ug/Kg | 88 |) <u> </u> | 919800 ug/kg 20323.30144 ug/kg | .00040 |
| 1,3-DICHLOROBENZENE | 541-73-1 | 196.07 | 175 | | | ug/Kg | 14 | 0 | 20323.30 144 ug/kg | .01020 |
| 1,4-DCB | 106-46-7 | 196.07 | 175 | | 7.38 | ug/Kg | 14 | 0 | 63143.48706 ug/kg | .00324 |
| 2,4,5-Trichlorophenol | 95-95-4 | 971.43 | 850 | | | ug/Kg | 14 | 0 | 10220000 ug/kg | .00010 |
| 2,4,6-Trichlorophenol | 88-06-2 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 345925.4524 ug/kg | .00059 |
| 2,4-Dichlorophenol | 120-83-2 | 196.07 | 175 | | | ug/Kg | 14 | 0 | 306600 ug/kg | .00066 |
| 2,4-Dimethylphenol | 105-67-9 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 2044000 ug/kg | .000 |
| 2,4-Dinitrophenol | 51-28-5 | 971.43 | 850 | | | ug/Kg | 14 | 0 | 204400 ug/kg | .00513 |
| 2,4-DNT | 121-14-2 | 196.07 | 175 | 205 | | ug/Kg | 14 | ō | 5625.983014 ug/kg | .03643 |
| 2,6-DNT | 606-20-2 | 196.07 | 175 | 205 | 7.38 | ug/Kg | 14 | 0 | 5625.983014 ug/kg | .03643 |
| 2-Butanone | 78-93-3 | 5.96 | 5.5 | 6.5 | 0.31 | ug/Kg | 27 | 0 | 12999759.38 ug/kg | .00000 |
| 2-Chioronaphthalene | 91-58-7 | 196.07 | 175 | 205 | 7.38 | ug/Kg | 14 | 0 | 8176000 ug/kg | .00002 |
| 2-Chlorophenol | 95-57-8 | 196.07 | 175 | 205 | 7.38 | ug/Kg | 14 | 0 | 511000 ug/kg | .00040 |
| 2-Methylnaphthalene | 91-57-6 | 195.77 | 175 | 205 | 7.60 | ug/Kg | 13 | 0 | 2044000 ug/kg | .000 |
| 2-Methylphenol | 95-48-7 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 3686602.698 ug/kg | .000056 |
| 2-Nitroaniline | 88-74-4 | 971.43 | 850 | 1050 | 46.88 | ug/Kg | 14 | 0 | 985280.6017 ug/kg | .001066 |
| 2-NITROPHENOL | 88-75-5 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | | |
| 3,3'-Dichlorobenzidine | 91-94-1 | 393.21 | 350 | 415 | | ug/Kg | 14 | 0 | 6133.385357 ug/kg | .067662 |
| 3-NITROANILINE | 99-09-2 | 971.43 | 850 | 1050 | | ug/Kg | 14 | 0 | | |
| 4,4'-DDD | 72-54-8 | 9.46 | 8.5 | 10 | | ug/Kg | 14 | 0 | 14285.5858 ug/kg | .000 |
| 4;4'-DDE | 72-55-9 | 9.46 | 8.5 | 10 | | ug/Kg | 14 | 0 | 10083.94292 ug/kg | 000992 |
| 4,4'-DDT | 50-29-3 | 9.46 | 8.5 | 10 | | ug/Kg | 14 | 0 | 10030.77808 ug/kg | .00099 |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 971.43 | 850 | 1050 | 46.88 | | 14 | 0 | 102200 ug/kg | .010274 |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 001000 0150 | |
| 4-Chloroaniline | 106-47-8 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 294928.2159 ug/kg | .00069 |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 108-10-1 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 1040704 705 | 00000 |
| 4-METHYL-2-PENTANONE | 106-10-1 | 6.49 | 475 | 30.5 205 | | ug/Kg ug/Kg | 78 14 | 0 | 1048764.735 ug/kg | .000029 |
| 4-Methylphenol 4-NITROANILINE | 100-44-5 | 196.07 971.43 | 175 850 | | 46.88 | | 14 | 0 | 368660.2698 ug/kg | .000556 |
| 4-Nitrophenol | 100-01-0 | 971.43 | 850 | 1050 | 46.88 | | 14 | 0 | 817600 ug/kg | 00430 |
| ACENAPHTHYLENE | 208-96-8 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 617000 ug/kg | .001284 |
| Acenapthene | 83-32-9 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 4082746.866 ug/kg | .00005 |
| Aldrin | 309-00-2 | 4.74 | 4.25 | 4.95 | | ug/Kg | 14 | 0 | 161.6635306 ug/kg | .030619 |
| alpha-BHC | 319-84-6 | 4.74 | 4.25 | | 0.17 | ug/Kg | 14 | 0 | 523.3268079 ug/kg | .009459 |
| alpha-Chlordane | 5103-71-9 | 47.43 | 42.5 | | | ug/Kg | 14 | 0 | 9419.882543 ug/kg | .00525 |
| Anthracene | 120-12-7 | 196.07 | 175 | | | ug/Kg | 14 | 0 | 20413734.33 ug/kg | .0000 |
| Aroclor-1016 | 12674-11-2 | 47.43 | 42.5 | | 1.70 | ug/Kg | 14 | 0 | 4643.826191 ug/kg | .010659 |
| Arector-1221 | 11104-28-2 | 47.43 | 42.5 | 49.5 | 1.70 | ug/Kg | 14 | 0 | 1236.909303 ug/kg | .040019 |
| Aroclor-1232 | 11141-16-5 | 47.43 | 42.5 | | | ug/Kg | 14 | 0 | 1236.909303 ug/kg | .040019 |
| Aroclor-1242 | 53469-21-9 | 47.43 | 42.5 | 49.5 | | ug/Kg | 14 | 0 | 1236.909303 ug/kg | .040019 |
| Aroclor-1248 | 12672-29-6 | 47.43 | 42.5 | 49.5 | | ug/Kg | 14 | 0 | 1236.909303 ug/kg | .040019 |
| Aroclor-1254 | 11097-69-1 | 94.64 | 85 | 100 | | ug/Kg | 14 | 0 | 1236.909303 ug/kg | .080847 |
| Aroclar-1260 | 11096-82-5 | 94.64 | 85 | 100 | 3.65 | ug/Kg | 14 | 0 | 1236.909303 ug/kg | .080847 |
| Benzene | 71-43-2 | 22.49 | 2.5 | 370 | 79.05 | ug/Kg | 88 | 0 | 13748.71341 ug/kg | .026912 |
| Benzo(a)anthracene | 56-55-3 | 196.07 | 175 | 205 | 7.38 | ug/Kg | 14 | 0 | 3489.271611 ug/kg | .058752 |
| Benzo(a)pyrene | 50-32-8 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 348.8687389 ug/kg | .587614 |
| Benzo(b)fluoranthene | 205-99-2 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 3489.271611 ug/kg | .058752 |
| BENZO(ghi)PERYLENE | 191-24-2 | 196.07 | 175 | 205 | 7.38 | ug/Kg | 14 | 0 | | |
| BENZO(k)FLUORANTHENE | 207-08-9 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 34892.71611 ug/kg | .005875 |
| Benzoic acid | 65-85-0 | 956.25 | 850 | 1000 | | ug/Kg | 8 | 0 . | 408800000 ug/kg | .000002 |
| Benzyl alcohol | 100-51-6 | 193.33 | 175 | 200 | | ug/Kg | 6 | 0 | 30660000 ug/kg | .000007 |
| beta-BHC | 319-85-7 | 4.74 | 4.25 | 4.95 | | ug/Kg | 14 | 0 | 1831.643828 ug/kg | .002702 |
| beta-Chlordane | 5103-74-2 | 47.43 | 42.5 | 49.5 | | ug/Kg | 14 | 0 | 9419.882543 ug/kg | .005255 |
| Bis(2-chlorethyl)ether | 111-44-4 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | 3477.880408 ug/kg | .058944 |
| BIS(2-CHLOROETHOXY)METHANE | 111-91-1 | 196.07 | 175 | 205 | | ug/Kg | 14 | 0 | | |
| BIS(2-CHLOROISOPROPYL)ETHER | 108-60-1 | 196.07 | 175 | 205 | 7.38 | ug/Kg | 14 | 0 | j [| |

Table A.19 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Subsurface Soils Greater than 6 feet

| Table A.19 Solar Evaporation | Ponds AOC - | Summar | y Stati: | stics for | Non-Detected | Analytes in | | | |
|--|----------------------------------|-------------------------|---------------|-------------|-----------------------------|-------------|-------------|-------------------|-------------------|
| | 1 1 3 3 | * | | | 7 3 2 | | Detection | | 1. 18. 18. |
| | | 1 | 100 | | | Total | | PRG @ 10-6 or | 10.24 3 |
| ANALYTE NAME | CAS NO | Mean | Min | Max | SD UNIT | S Samples | (%) | HQ=0.1 Unit | Max/PRG |
| Bromodichloromethane | 75-27-4 | 22.49 | 2.5 | 370 | 79.05 ug/Kg | | 0 | 61704.32983 ug/kg | .00599 |
| Bromoform | 75-25-2 | 22.72 | | | 79.48 ug/Kg | | 0 | 321384.3537 ug/kg | .00115 |
| Bromomethane | 74-83-9 | 47.20 | | | | | 0 | 12009.14094 ug/kg | .06245 |
| Butyl benzylphthalate | 85-68-7 | 196.07 | | | 7.38 ug/Kg | | 0 | 14746410.79 ug/kg | .000014 |
| CARBAZOLE | 86-74-8 | 199.17 | 190 | | 5.85 ug/Kg | | 0 | 14740410.75 dg/kg | .00001 |
| i | | | | <u> </u> | 3.65 ug/kg | | | 040450 0500 | |
| CARBON DISULFIDE | 75-15-0 | 22.49 | | | | | 0 | 943153.2538 ug/kg | .00039 |
| Carbon tetrachloride | 56-23-5 | 22.49 | | | 79.05 ug/Kg | | 0 | 5033.018241 ug/kg | .073515 |
| Chlorobenzene | 108-90-7 | 22.49 | | | 79.05 ug/Kg | | 0 | 408246.4463 ug/kg | .000906 |
| Chloroethane | 75-00-3 | 45.33 | | | 159.61 ug/Kg | 88 | 0 | 1319196.017 ug/kg | .000569 |
| Chloroform | 67-66-3 | 22.49 | 2.5 | 370 | 79.05 ug/Kg | 88 | 0 | 1130.428781 ug/kg | .327309 |
| Chloromethane | 74-87-3 | 45.78 | 5 | 750 | 160.48 ug/Kg | 87 | 0 | 23016.34234 ug/kg | .032586 |
| Chrysene | 218-01-9 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 348343.8177 ug/kg | .000588 |
| Cis-1,3-Dichloropropene | 10061-01-5 | 22.49 | 2.5 | 370 | 79.05 ug/Kg | | 0 | 20095.41645 ug/kg | .018412 |
| delta-BHC | 319-86-8 | 4.74 | | | 0.17 ug/Kg | | 0 | | 10.0 |
| Di-n-octylphthalate | 117-84-0 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 1474641.079 ug/kg | .000139 |
| Dibenz(a,h)anthracene | 53-70-3 | 196.07 | 175 | | 7.38 ug/Kg | | 0 | 348.3438177 ug/kg | .588499 |
| Dibenzofuran | | | | | | | I | | |
| | 132-64-9 | 196.07 | | | 7.38 ug/Kg | 14 | 0 | 294928.2159 ug/kg | .000695 |
| Dibromochloromethane | 124-48-1 | 22.49 | | | 79.05 ug/Kg | 88 | 0 | 32857.42155 ug/kg | .011261 |
| Dieldrin | 60-57-1 | 9.46 | 8.5 | | 0.37 ug/Kg | 1 14 | 0 | 171.7675013 ug/kg | .058218 |
| Diethyl phthalate | 84-66-2 | 196.07 | | | 7.38 ug/Kg | 14 | 0 | 58985643.17 ug/kg | .000003 |
| Dimethly phthalate | 131-11-3 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 737320539.6 ug/kg | |
| ENDOSULFAN I | 959-98-8 | 4.74 | 4.25 | 4.95 | 0.17 ug/Kg | 14 | 0 | 442392.3238 ug/kg | .000011 |
| ENDOSULFAN II | 33213-65-9 | 9.46 | 8.5 | 10 | 0.37 ug/Kg | 14 | 0 | 442392.3238 ug/kg | .000023 |
| ENDOSULFAN SULFATE | 1031-07-8 | 9.46 | 8.5 | | 0.37 ug/Kg | 14 | ō | 442392.3238 ug/kg | .000023 |
| ENDRIN | 72-20-8 | 9.46 | 8.5 | | 0.37 ug/Kg | 14 | 0 | 22119.61619 ug/kg | .000452 |
| ENDRIN KETONE | 53494-70-5 | 9.46 | 8.5 | | 0.37 ug/Kg | 14 | 0 | 22113.01013 ug/kg | .000432 |
| Ethylbenzene | 100-41-4 | 22.49 | 2.5 | | 79.05 ug/Kg | 88 | 0 | 249767.9483 ug/kg | 004.404 |
| Fluoranthene | | | | | | | | | .001481 |
| · · · · · · · · · · · · · · · · · · · | 206-44-0 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 2721831.244 ug/kg | .000075 |
| Fluorene | 86-73-7 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 4082746.866 ug/kg | .00005 |
| gamma-BHC [Lindane] | 58-89-9 | 4.74 | 4.25 | | 0.17 ug/Kg | 14 | 0 | 2549.133679 ug/kg | .001942 |
| Heptachlor | 76-44-8 | 4.74 | | | 0.17 ug/Kg | 14 | 0 | 610.7288934 ug/kg | .008105 |
| Hepfachlor epoxide | 1024-57-3 | 4.74 | 4.25 | | 0.17 ug/Kg | 14 | 0 | 302.0087934 ug/kg | .01639 |
| Hexachlorobenzene | 118-74-1 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 1717.675013 ug/kg | .119347 |
| Hexachlorobutadiene | 87-68-3 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 14746.41079 ug/kg | .013902 |
| Hexachlorocyclopentadiene | 77-47-4 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 305142.542 ug/kg | .000672 |
| Hexachloroethane | 67-72-1 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 73732.05396 ug/kg | .00278 |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 3489.271611 ug/kg | .058752 |
| Isophorone | 78-59-1 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 2905287.8 ug/kg | .000071 |
| Methoxychlor | 72-43-5 | 47.43 | 42.5 | | 1.70 ug/Kg | 14 | 0 | 511000 ug/kg | .000071 |
| n-Nitrosodi-n-propylamine | 621-64-7 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 546.5240642 ug/kg | |
| n-Nitrosodiphenylamine | 86-30-6 | 196.07 | | | | | | | .375098 |
| Naphthalene | | : | | | 7.38 ug/Kg | 14 | 0 | 780748.6631 ug/kg | .000263 |
| | 91-20-3 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 199085.4566 ug/kg | .00103 |
| Nitrobenzene | 98-95-3 | 196.07 | 175 | | 7.38 ug/Kg | 14 | 0 | 26629.80934 ug/kg | .007698 |
| p-BROMODIPHENYL ETHER | 101-55-3 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | | |
| Pentachlorophenol | 87-86-5 | 971.43 | 850 | 1050 | 46.88 ug/Kg | 14 | 0 | 16222.14497 ug/kg | .064726 |
| PHENANTHRENE | 85-01-8 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | | |
| Phenoi | 108-95-2 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 61320000 ug/kg | .000003 |
| Pyrene | 129-00-0 | 196.07 | 175 | 205 | 7.38 ug/Kg | 14 | 0 | 2211961.619 ug/kg | .000093 |
| Styrene | 100-42-5 | 22.49 | 2.5 | | 79.05 ug/Kg | 88 | 0 | 9624882.831 ug/kg | .000038 |
| TCE | 79-01-6 | 22.49 | 2.5 | | 79.05 ug/Kg | 88 | 0 | 1258.740281 ug/kg | .293945 |
| Toxaphene | 8001-35-2 | 94.64 | 85 | | 3.65 ug/Kg | 14 | 0 | 2498.436382 ug/kg | |
| Trans-1,3-Dichloropropene | 10061-02-6 | 22.49 | 2.5 | | | 88 | | | .040025 |
| TRIBUTYL PHOSPHATE | | 199.17 | | | 79.05 ug/Kg | | 0 | 20095.41645 ug/kg | .018412 |
| | 1400 700 | | 190 | 205 | 5.85 ug/Kg | 6 | 0 | | |
| | 126-73-8 | | | | 100 17 | | | | |
| Vinyl acetate | 108-05-4 | 47.20 | 5 | | 163.17 ug/Kg | 84 | 0 | 92601905.06 ug/kg | |
| Vinyl acetate Vinyl chloride | 108-05-4 75-01-4 | 47.20 45.33 | 5 5 | 750 | 159.61 ug/Kg | 88 | 0 | 1830.340783 ug/kg | .000008 .40976 |
| Vinyl acetate Vinyl`chloride Xylenes (total) | 108-05-4 75-01-4 1330-20-7 | 47.20 45.33 22.49 | 5 5 2.5 | 750 370 | 159.61 ug/Kg 79.05 ug/Kg | | | | |
| Vinyl acetate Vinyl chloride | 108-05-4 75-01-4 | 47.20 45.33 22.49 | 5 5 2.5 | 750 | 159.61 ug/Kg | 88 | 0 | 1830.340783 ug/kg | .40976 |

Table A.20 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Samples with Null Sample Depths

| 14010102000101 =1=001 | | | | | | · | · · · · · · · · · · · · · · · · · · · | | | | (|
|---------------------------|------------|--------|-----|------|-------------|--------|---------------------------------------|---------------|------------|--------|----------|
| | A. 17 3 5 | A 13-1 | * * | 7. v | * .* | * ** | Total | Detection | PRG @ 10-6 | ~g) - | |
| ANALYTE NAME | CASNO | Mean | | Max | SD | Units | | Frequency (%) | or HQ=.01 | Unit | Max/PRG |
| | 71-55-6 | 7.25 | | | | ug/Kg | | 0 | 5298325.73 | ug/kg | .000003 |
| | 79-34-5 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 7517.05471 | ug/kg | .0021285 |
| | 79-00-5 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 16202.5729 | ug/kg | .0009875 |
| 1.1-DCA | 75-34-3 | 7.25 | 3 | 16 | | lug/Kg | | 0 | 1455931.36 | ug/kg | .000011 |
| 1,1-DCE | 75-35-4 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 1126.9815 | ug/kg | .0141972 |
| 1,2-DCA | 107-06-2 | 7.25 | | 16 | | ug/Kg | | 0 | 6946.8176 | ug/kg | .0023032 |
| 1,2-DICHLOROETHENE | 1540-59-0 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 919800 | | |
| 1,2-Dichloropropane | 78-87-5 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 20323.3014 | ug/kg | .0007873 |
| 2-Butanone | 78-93-3 | 9.75 | 5.5 | | 6.01 | ug/Kg | 2 | 0 | 12999759.4 | ug/kg | .0000011 |
| 2-HEXANONE | 591-78-6 | 14.50 | 5.5 | 33 | 12.62 | ug/Kg | 4 | 0 | | i : | |
| 4-METHYL-2-PENTANONE | 108-10-1 | 14.50 | 5.5 | 33 | 12.62 | ug/Kg | 4 | (0 | 1048764.73 | ug/kg | .000031 |
| Benzene | 71-43-2 | 7.25 | 3 | 16 | | ug/Kg | | 0 | 13748.7134 | ug/kg | .0011637 |
| Bromodichloromethane | 75-27-4 | 7.25 | | | 6.13 | ug/Kg | 4 | 0 | 61704.3298 | ug/kg | .0002593 |
| Bromoform | 75-25-2 | 7.25 | 3 | 16 | 6.13 | ug/Kg | · 4 | 0 | 321384.354 | ug/kg | .0000498 |
| Bromomethane | 74-83-9 | 14.50 | 5.5 | 33 | 12.62 | ug/Kg | 4 | 0 | 12009.1409 | ug/kg | .0027063 |
| CARBON DISULFIDE | 75-15-0 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 943153.254 | ug/kg | .000017 |
| Carbon tetrachloride | 56-23-5 | 7.25 | 3 | 16 | | ug/Kg | | 0 | 5033.01824 | ug/kg | .003179 |
| Chlorobenzene | 108-90-7 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 408246.446 | ug/kg | .0000392 |
| Chloroethane | 75-00-3 | 14.50 | | 33 | 12.62 | ug/Kg | 4 | 0 | 1319196.02 | ug/kg | .0000246 |
| Chloroform | 67-66-3 | 7:25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 1130.42878 | | .0141539 |
| Chloromethane | 74-87-3 | 14.50 | 5.5 | 33 | 12.62 | ug/Kg | 4 | 0 | 23016.3423 | ug/kg | .001412 |
| Cis-1,3-Dichloropropene | 10061-01-5 | 7.25 | 3 | 16 | | ug/Kg | 4 | 0 | 20095.4164 | | .0007962 |
| Dibromochloromethane | 124-48-1 | 7.25 | | | 6.13 | ug/Kg | 4 | 0 | 32857.4216 | | .000487 |
| Ethylbenzene | 100-41-4 | 7.25 | | | 6.13 | lug/Kg | 4 | 0 | 249767.948 | ug/kg | .0000641 |
| Styrene | 100-42-5 | 7.25 | | | 6.13 | lug/Kg | 4 | 0 | 9624882.83 | ug/kg | .0000017 |
| TCE | 79-01-6 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 1258.74028 | ug/kg | .0127111 |
| Tetrachloroethene | 127-18-4 | 7.25 | 3 | 16 | | ug/Kg | | 0 | 55126.377 | | .0002902 |
| Trans-1,3-Dichloropropene | 10061-02-6 | 7.25 | 3 | 16 | 6.13 | ug/Kg | 4 | 0 | 20095.4164 | | .0007962 |
| Vinyl acetate | 108-05-4 | 14.50 | 5.5 | | 12.62 | ug/Kg | 4 | 0 | 92601905.1 | ug/kg | .0000004 |
| Vinyl chloride | 75-01-4 | 14.50 | 5.5 | 33 | 12.62 | ug/Kg | 4 | 0 | 1830.34078 | ug/kg | .0177563 |
| Xvienes (total) | 1330-20-7 | 7.25 | 3 | | | lua/Ka | 4 | 0 | 204400000 | ug/kg | .0000001 |

| ાં જ દુ | · I | able A.21 | Solar E | vaporatio | on Ponds AOC - Analytical Results for | Surface Soil S | Samples w | th Irregular U | nits I* | | 1 3,24, |
|---|---------------------------------|-----------|---------|-----------|--|----------------------|-------------|----------------|----------------|------------|--------------|
| LOCATION CODE | SAMPLE NUMBER | DEPTH | DEPTH | UNIT | ANALYTE | CAS NO | DECINT | DETECTION | LINIOT | LAB RESULT | VALIDATION |
| | SDG0283JE | O O | | | SULFUR, MOL. (S8) | 10544-50-0 | A | | ug/kg | | Y |
| SED09395 | SDG0279JE | 0 | | | SULFUR, MOL. (S8) | 10544-50-0 | | | ug/kg | | Y |
| | SEP2389BR0002 | 0 | | | 1,1,1-TCA | 71-55-6 | 40 | | ug/g | | Α |
| | SEP0389BR0002 | 0 | | | 1,1,1-TCA . | 71-55-6 | 6 | | ug/g | | <u> </u> |
| | SEP1889BR0002D SEP1889BR0002 | 0 | | | 1,1,1-TCA 1,1,1-TCA | 71-55-6 71-55-6 | 5 | | ug/g ug/g | | |
| | SEP1689BR0002 | 0 | | | 1,1,1-TCA | 71-55-6 | 6 | | lug/g | | iv |
| | SEP0389BR0002 | 0 | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | ug/g | | 1 |
| P209589 | SEP2389BR0002 | O | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 40 | | | | A |
| | SEP1889BR0002D | 0 | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | | | U | |
| | SEP1889BR0002 | 0 | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | | ug/g | | 1 |
| | SEP1689BR0002 | 0 | | ***** | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | lug/g | | !V |
| | SEP2389BR0002 SEP0389BR0002 | 0 | | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 79-00-5 | 40 | | | U | ļA |
| | SEP1889BR0002 | 0 | | | 1,1,2-TCA | 79-00-5 | 5 | | ug/g | | <u> </u> |
| ····· | SEP1889BR0002D | 0 | | | 1,1,2-TCA | 79-00-5 | 5 | | ug/g | | <u> </u> |
| | SEP1689BR0002 | 0 | | | 1,1,2-TCA | 79-00-5 | 6 | | | | İV |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | 1,1-DCA | 75-34-3 | 40 | | | | Α |
| | SEP0389BR0002 | 0 | | | 1,1-DCA | 75-34-3 | 6 | | | Ū | |
| ~ | SEP1889BR0002 | 0 | | | 1,1-DCA | 75-34-3 | 5 | | | U | |
| | SEP1889BR0002D | | | | 1,1-DCA ′ | 75-34-3 | 5 | | ug/g | | |
| | SEP1689BR0002 | 0 | | | 1,1-DCA | 75-34-3 | 6 | | | | IV |
| | SEP2389BR0002 SEP0389BR0002 | 0 | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 40 | | ug/g | | A |
| | SEP1889BR0002 | 0 | | | 1,1-DCE 1,1-DCE | 75-35-4 75-35-4 | 5 | | ug/g ug/g | U | <u> </u> |
| | SEP1889BR0002D | 0 | | | 1,1-DCE | 75-35-4 | 5 | | ug/g | | ! |
| | SEP1689BR0002 | 0 | | | 1,1-DCE | 75-35-4 | 6 | | | | V |
| | SEP2389BR0002 | 0 | | | 1,2-DCA | 107-06-2 | 40 | | | | A |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | 1,2-DCA | 107-06-2 | 6 | 6 | ug/g | U | |
| | SEP1889BR0002 | 0 | | | 1,2-DCA | 107-06-2 | 5 | 5 | ug/g | U | |
| | SEP1889BR0002D | 0 | | | 1,2-DCA | 107-06-2 | 5 | | | U | |
| | SEP1689BR0002 | 0 | | | 1,2-DCA | 107-06-2 | 6 | | | | V |
| | SEP2389BR0002 | 0 | | | 1,2-DICHLOROETHENE | 540-59-0 | 40 | | | | Α |
| *************************************** | SEP0389BR0002 SEP1889BR0002 | 0 | | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 5 | | | U U | |
| | SEP1889BR0002D | 0 | | · | 1,2-DICHLOROETHENE | 540-59-0 | 5 | | | U | <u> </u> |
| | SEP1689BR0002 | Ö | | | 1,2-DICHLOROETHENE | 1540-59-0 | 6 | | | ···· | V |
| ~~~~ | SEP2389BR0002 | 0 | | | 1,2-DICHLOROPROPANE | 78-87-5 | 40 | | | | A |
| P207589 | SEP0389BR0002 | 0 | 2 | FΤ | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | U | |
| | SEP1889BR0002D | • 0 | | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | U | |
| | SEP1889BR0002 | 0 | | | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | U | |
| | SEP1689BR0002 | 0 | | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | | V |
| | SEP2389BR0002 SEP0389BR0002 | 0 | | | 2-BUTANONE | 78-93-3 78-93-3 | 80 | | ug/g | | Α |
| | SEP1889BR0002 | 0 | | | 2-BÜTANONE 2-BUTANONE | 78-93-3 | 11 11 | | ug/g ug/g | U | 1 |
| | SEP1689BR0002 | 0 | | | 2-BUTANONE | 78-93-3 | 13 | | | | V |
| | SEP1889BR0002D | 0 | | | 2-BUTANONE | 78-93-3 | 11 | | | Ū | <u> </u> |
| | SEP2389BR0002 | 0 | | | 2-HEXANONE | 591-78-6 | 80 | | | | A |
| | SEP0389BR0002 | 0 | 2 | FT | 2-HEXANONE | 591-78-6 | 11 | | | U | |
| | SEP1889BR0002 | 0 | | | 2-HEXANONE | 591-78-6 | 11 | 11 | ug/g | | |
| | SEP1689BR0002 | 0 | | | 2-HEXANONE | 591-78-6 | 13 | | ug/g | | V |
| | SEP1889BR0002D SEP2389BR0002 | 0 | | | 2-HEXANONE | 591-78-6 | 11 | | ug/g | | |
| | SEP2389BR0002 SEP0389BR0002 | 0 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 80 | | ug/g | | Α |
| | SEP0389BR0002 SEP1889BR0002 | 0 | | | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 108-10-1 | 11 | | ug/g ug/g i | | |
| | SEP1689BR0002 | 0 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 13 | | ug/g i | | V |
| | SEP1889BR0002D | ō | | | 4-METHYL-2-PENTANONE | 108-10-1 | 11 | | ug/g | | |
| | SEP0389BR0002 | 0 | | | ACETONE | 67-64-1 | 11 | | ug/g | | |
| | SEP2389BR0002 | 0 | 2 | FT | ACETONE | 67-64-1 | 18 | 80 | ug/g | J | A |
| | SEP1889BR0002 | 0 | | | ACETONE | 67-64-1 | 11 | | ug/g | U | j |
| ····· | SEP1689BR0002 | 0 | | | ACETONE | 67-64-1 | 11 | | ug/g | | A |
| | SEP1889BR0002D | 0 | | | ACETONE BENZENE | 67-64-1 | 11 | | ug/g | | |
| | SEP0389BR0002 SEP2389BR0002 | 0 | | | | 71-43-2 | 6 | | ug/g | | Α |
| | SEP1889BR0002 | 0 | | | | 71-43-2 71-43-2 | 40 5 | | ug/g ug/g | | A |
| | SEP1689BR0002 | 0 | | | | 71-43-2 | 6 | | ug/g ug/g | | V |
| | SEP1889BR0002D | 0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 71-43-2 | 5 | | ug/g | | - |
| | SEP2389BR0002 | 0 | | | | 75-27-4 | 40 | | ug/g | | A |
| | SEP0389BR0002 | 0 | | FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/g | | |
| | SEP1889BR0002 | 0 | | | | 75-27-4 | 5 | 5 | ug/g | | |
| | SEP1689BR0002 | 0 | | | | 75-27-4 | 6 | | ug/g | | ٧ |
| | SEP1889BR0002D | 0 | | | BROMODICHLOROMETHANE | 75-27-4 | . 5 | | ug/g | | |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | BROMOFORM | 75-25-2 | 40 | 40 | ug/g | U | Α |

| | 1 10 July 10 10 10 10 10 10 10 10 10 10 10 10 10 | Table A.2 | 1 Solar Ev | /aporatio | on Ponds AOC - Analytical Results for | 1 and 2 and 2 and 2 | | th Irregular U | nits | | \$2° × \$2°. 9 |
|--------------------|--|-----------|---|--|---|------------------------|---------|--|---|------------|---------------------------------------|
| LOCATION | ma salahar. | | DEPTH | UNIT | 医骨骨骨 医水杨二氏病 医骨骨 | Z 🔏 💮 | | DETECTION | | LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | START | y a market parameter spinner. | CODE | ANALYTE | CAS NO | RESULT | LIMIT | *************************************** | QUALIFIER | QUALIFIER |
| | SEP0389BR0002 | 0 | | | BROMOFORM | 75-25-2 | 6 | | ug/g | | |
| P209089 P208889 | SEP1889BR0002 SEP1689BR0002 | 1 0 | | FT | BROMOFORM BROMOFORM | 75-25-2 75-25-2 | 5 | | ug/g ug/g | U | V |
| | SEP1889BR0002D | . 0 | | | | 75-25-2 75-25-2 | 5 | | | U | į V |
| | SEP1889BR0002 | 7 0 | <u> </u> | | | 74-83-9 | 11 | | | ŭ | |
| | SEP0389BR0002 | 0 | | | | 74-83-9 | ` 11 | | ug/g | | ! |
| P208889 | SEP1689BR0002 | , 0 |): 1 | FT | BROMOMETHANE | 74-83-9 | 13 | 13 | ug/g | U | V |
| | SEP1889BR0002D | 0 | *************************************** | | | 74-83-9 | 11 | | | U | |
| | SEP2389BR0002 | <u> </u> | | | | 74-83-9 | 80 | | ug/g | | A |
| | SEP2389BR0002 SEP0389BR0002 | 0 | · | | | 75-15-0 | 40 6 | | | | Α |
| | SEP1889BR0002 | . 0 | | | | 75-15-0 75-15-0 | 5 | | | U U | |
| | SEP1889BR0002D | 0 | | | | 75-15-0 | 5 | | | Ü | |
| | SEP1689BR0002 | 0 | | | CARBON DISULFIDE | 75-15-0 | 6 | | | | V |
| | SEP1889BR0002 | 0 | 2 | FT | CARBON TETRACHLORIDE | 56-23-5 | 5 | | | U | |
| | SEP2389BR0002 | 0 | | | | 56-23-5 | 40 | 40 | ug/g | U | Α |
| | SEP0389BR0002 | 0 | | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | U | |
| | SEP1889BR0002D | 0 | | | | 56-23-5 | 5 | | | U | |
| | SEP1689BR0002 SEP2389BR0002 | 0 | | | | 56-23-5 | 6 | | | | V |
| | SEP1889BR0002 | 0 | *********** | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 108-90-7 | 40 5 | | | U | <u> A</u> |
| | SEP0389BR0002 | 0 | | | | 108-90-7 | 6 | | | U | |
| | SEP1689BR0002 | 0 | - | | CHLOROBENZENE | 108-90-7 | 6 | ************************************** | | | V |
| | SEP1889BR0002D | Ō | | | | 108-90-7 | 5 | | - | Ŭ | · · · · · · · · · · · · · · · · · · · |
| P209589 | SEP2389BR0002 | 0 | | | ······································ | 75-00-3 | 80 | | | | A |
| | SEP1889BR0002 | 0 | 2 | FT | CHLOROETHANE | 75-00-3 | 11 | | | U | |
| | SEP0389BR0002 | 0 | | | | 75-00-3 | 11 | 11 | ug/g | Ū | |
| | SEP1689BR0002 | 0 | | | | 75-00-3 | 13 | | | | V |
| | SEP1889BR0002D | 0 | | | | 75-00-3 | 11 | | | U | |
| | SEP2389BR0002 | 0 | | | | 67-66-3 | 40 | | | | A |
| | SEP1889BR0002 SEP0389BR0002 | 0 | | | *************************************** | 67-66-3 67-66-3 | 5 | | | U | |
| | SEP1689BR0002 | 0 | | | | 67-66-3 | 6 6 | | | U | V |
| | SEP1889BR0002D | 0 | | | | 67-66-3 | 5 | | | U | <u>v</u> |
| | SEP2389BR0002 | 0 | | | | 74-87-3 | 80 | | | | A |
| | SEP1889BR0002 | 0 | | | · · · · · · · · · · · · · · · · · · · | 74-87-3 | 11 | | | Ū | |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | CHLOROMETHANE | 74-87-3 | 11 | | | U | |
| · | SEP1689BR0002 | 0 | | | | 74-87-3 | 13 | | | U | V |
| | SEP1889BR0002D | 0 | | | | 74-87-3 | 11 | | | U j | |
| | SEP2389BR0002 | 0 | | | | 10061-01-5 | 40 | | | | Α |
| | SEP1889BR0002 SEP0389BR0002 | 0 | | | | 10061-01-5 | 5 | | | U | |
| | SEP1689BR0002 | 0 | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | 10061-01-5 | 6 6 | | | U | · · · · · · · · · · · · · · · · · · · |
| | SEP1889BR0002D | 0 | | | | 10061-01-5 | 5 | | | Ü | <u>V</u> |
| | SEP2389BR0002 | 0 | ********** | | | 124-48-1 | 40 | | | | A |
| | SEP1889BR0002 | 0 | | | | 124-48-1 | 5 | | | U | <u></u> |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | Ü | |
| | SEP1689BR0002 | 0 | | | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | | | V |
| | SEP1889BR0002D | 0 | 2 | FT | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | 5 | ug/g | U | |
| | SEP1889BR0002D | 0 | | | | 100-41-4 | 5 | | ug/g | | |
| | SEP2389BR0002 SEP1889BR0002 | 0 | | | | 100-41-4 | 42 | | ug/g | | Α |
| | SEP0389BR0002 | 0 | | | | 100-41-4 | 5 | | ug/g | | ···· |
| | SEP1689BR0002 | 0 | | | | 100-41-4 | 6 | | ug/g ug/g | | v |
| | SEP1889BR0002D | | | ···· | | 75-09-2 | 4 | | ug/g ug/g | | <u>v</u> |
| | SEP2389BR0002 | 0 | | ************ | ······································ | 75-09-2 | 17 | | ug/g | | A |
| | SEP1889BR0002 | 0 | | | | 75-09-2 | 9 | | ug/g | | |
| | SEP0389BR0002 | 0 | 2 | FT | | 75-09-2 | 4 | | ug/g | J | |
| | SEP1689BR0002 | 0 | | | | 75-09-2 | 6 | | ug/g | | V |
| | SEP1889BR0002D | | | | | 100-42-5 | 5 | | ug/g | | |
| | SEP2389BR0002 | 0 | | | | 100-42-5 | 40 | | ug/g | | A |
| | SEP1889BR0002 SEP0389BR0002 | 0 | | | | 100-42-5 | 5 | | ug/g | | |
| | SEP1689BR0002 | 0 | | | | 100-42-5 100-42-5 | 6 | | ug/g ug/g | | v |
| | SEP2389BR0002 | 0 | | | ······································ | 79-01-6 | 40 | | ug/g | | VA |
| | SEP1889BR0002D | 0 | | | | 79-01-6 | 5 | | ug/g ug/g | | ^ |
| | SEP1889BR0002 | 0 | | | | 79-01-6 | 5 | | ug/g | | |
| | SEP0389BR0002 | o | | | | 79-01-6 | 6 | | ug/g | | |
| 208889 | SEP1689BR0002 | 0 | | | | 79-01-6 | 6 | | ug/g | | V |
| | SEP1889BR0002D | | | | TETRACHLOROETHENE | 127-18-4 | 5 | | | Ü | |
| | SEP2389BR0002 | 0 | | | | 127-18-4 | 40 | 40] | ug/g | | A |
| | SEP1889BR0002 | 0 | | | | 127-18-4 | 5 | | ug/g | | |
| 207589 | SEP0389BR0002 | 0 | 2 | FT | TETRACHLOROETHENE | 127-18-4 | 6 | 6 | ug/g | U I | |

| Table A.21 Solar Evaporation Ponds AOC - Analytical Results for Surface Soil Samples with Irregular Units |
|---|
|---|

| LOCATION | | DEPTH | NEDTH | UNIT | | | Company & | DETECTION | | LAB RESULT | VALIDATION |
|----------|----------------|-------|--------------------|------|-------------------------|----------------|-----------|-----------|------|------------|------------|
| CODE | SAMPLE NUMBER | | | CODE | ANALYTE | CAS NO | | LIMIT | UNIT | QUALIFIER | |
| P208889 | SEP1689BR0002 | 0 | #habaner ##### . # | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 | ug/g | Ü | V |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | TOLUENE | 108-88-3 | 5 | 5 | ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | TOLUENE | 108-88-3 | 40 | 40 | ug/g | U | Α |
| P209089 | SEP1889BR0002 | 0 | 2 | FT | TOLUENE | 108-88-3 | 5 | 5 | ug/g | U | |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | TOLUENE | 108-88-3 | 6 | 6 | ug/g | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | FT | TOLUENE | 108-88-3 | 6 | 6 | ug/g | U | V |
| P209089 | SEP1889BR0002D | 0 | . 2 | FT | TRANS-1,3-DICHLOROPROPE | NE 10061-02-6 | 5 | 5 | ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | TRANS-1,3-DICHLOROPROPE | NE 10061-02-6 | 40 | 40 | ug/g | U | A |
| P209089 | SEP1889BR0002 | 0, | 2 | FT | TRANS-1,3-DICHLOROPROPE | NE 10061-02-6 | 1 5 | 5 | ug/g | U | |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | TRANS-1,3-DICHLOROPROPE | NE 10061-02-6 | 6 | 6 | ug/g | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | FT | TRANS-1,3-DICHLOROPROPE | NE 10061-02-6 | 6 | 6 | ug/g | U | V |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | 11 | 11 | ug/g | U | |
| P209589 | SEP2389BR0002 | 0; | 2 | FT | VINYL ACETATE | 108-05-4 | 80 | 80 | ug/g | U | Α |
| P209089 | SEP1889BR0002 | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | 11 | 11 | ug/g | U | |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | 11 | 11 | ug/g | U | |
| P208889 | SEP1689BR0002 | Ö | 1 | FT | VINYL ACETATE | 108-05-4 | 13 | 13 | ug/g | U | V |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | 11 | 11 | ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | ∙ 80 | 80 | ug/g | U | A |
| | SEP1889BR0002 | 0 | 2 | FΤ | VINYL CHLORIDE | 75-01-4 | 11 | 11 | ug/g | U | |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | 11 | 11 | ug/g | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | FT | VINYL CHLORIDE | 75-01-4 | 13 | 13 | ug/g | U | V |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 5 | ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | XYLENES (TOTAL) | 1330-20-7 | 18 | 40 | ug/g | J | A |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P209089 | SEP1889BR0002 | 0 | 2 | FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 5 | ug/g | Ū | |
| P208889 | SEP1689BR0002 | 0 | 1 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | Ü | V |

| 3 | Table A.22 Solar | | | ds AO | C - Analytical Results for Subsurfa | ce Soil Sam | | | | |
|----------------------------------|---------------------------------|-------|-------|----------|-------------------------------------|------------------------|---------------------------------------|---------------------|---------------|-------------|
| LOCATION CODE | SAMPLE NUMBER | DEPTH | DEPTH | UNIT | Analyte | CAS NO | DETECTION | CVAR S | LAB RESULT | VALIDATION |
| | SP038702DH | 2 | 4 | FT | ALUMINUM | 7429-90-5 | Litera | 6950 ug | | N |
| | SP038702DH | 2 | 4 | FT | ANTIMONY | 7440-36-0 | | 12 ug/ | | N |
| | SP038702DH | 2 | 4 | FT | ARSENIC | 7440-38-2 | | 6.4 ug/ | | N |
| | SP038702DH SP038702DH | 2 | 4 | FT | BARIUM BERYLLIUM | 7440-39-3 7440-41-7 | · · · · · · · · · · · · · · · · · · · | 124 ug/ | | N N |
| | SP038702DH | 2 | 4 | FT | CADMIUM | 7440-41-7 | | 1 ug/ | | N N |
| | SP038702DH | 2 | 4 | FT | CALCIUM | 7440-70-2 | | 2160 ug/ | | N |
| | SP038702DH | 2 | 4 | FT | CHROMIUM | 7440-47-3 | | 9 ug/ | | N |
| | SP038702DH | 2 | 4 | FT | COBALT | 7440-48-4 | | 10 ug/ | Kg U | N |
| | SP038702DH SP038702DH | 2 | 4 | FT | COPPER | 7440-50-8 | | 10.5 ug/ | | N |
| | SP038702DH | 2 | 4 | FT | IRON | 7439-89-6 | | .12700 ug/ | | N |
| | SP038702DH / | 2 | 4 | FT | MAGNESIUM | 7439-92-1 7439-95-4 | | 6.4 ug/ 1850 ug/ | | N N |
| | SP038702DH | 2. | 4 | FT | MANGANESE | 7439-96-5 | | 558 ug/ | | N N |
| | SP038702DH | 2 | 4 | FT | MERCURY | 7439-97-6 | | 0.1 ug/ | | N |
| | SP038702DH | 2 | 4 | FT | NICKEL | 7440-02-0 | | 9.2 ug/ | | N |
| | SP038702DH SP038702DH | 2 | 4 | FT | POTASSIUM | 9/7/40 | | 1530 ug/ | | N |
| | SP038702DH | 2 2 | 4 | FT | SELENIUM | 7782-49-2 | | 1 ug/ | | N |
| | SP038702DH | 2 | 4 | FT | SODIUM | 7440-22-4 7440-23-5 | | 2 ug/ | | N |
| SP0387 | SP038702DH | 2 | 4 | FT | STRONTIUM | 7440-23-5 | | 1000 ug/ 20 ug/ | | N |
| SED09395 | SDG0279JE | 0 | 2 | İN | SULFUR, MOL. (S8) | 10544-50-0 | | 320 ug/ | | Y |
| | SDG0283JE | 0 | 2 | IN | SULFUR, MOL. (S8) | 10544-50-0 | | 104 ug/ | | Y |
| | SP038702DH | 2 | 4 | FŤ | THALLIUM | 7440-28-0 | | 2 ug/ | Kg U | N |
| | SP038702DH SP038702DH | 2 | 4 | FT | VANADIUM | 7440-62-2 | | 18.3 ug/ | | N |
| | SEP0389BR0002 | 0 | 2 | FT FT | ZINC 1,1,1-TCA | 7440-66-6 | | 33.6 ug/ | | N |
| | SEP1689BR0002 | 0 | 1 | | 1,1,1-TCA | 71-55-6 71-55-6 | 6 | 6 ug/ | | |
| | SEP1889BR0002 | 0 | 2 | FT | 1,1,1-TCA | 71-55-6 | 5 | 6 ug/ 5 ug/ | | V |
| | SEP1889BR0002D | 0 | 2 | FT | 1,1,1-TCA | 71-55-6 | 5 | | | |
| | SEP2389BR0002 | 0 | 2 | | 1,1,1-TCA | 71-55-6 | 40 | 40 ug/ | | Α |
| | SEP0389BR0406 | 4 | 5 | FT | 1,1,1-TCA | 71-55-6 | 6 | 6 ug/ | | |
| | SEP1689BR0406 SEP1889BR0406 | 4 | 5 | FT | 1.1.1-TCA | 71-55-6 | 6 | 6 ug/ | | V |
| | SEP2389BR0406 | 4 | 6 | | | 71-55-6 71-55-6 | 6 | 6 ug/g | | |
| | SEP0389BR0002 | 0 | 2 | | | 79-34-5 | 6 | 6 ug/g | | Α |
| | SEP1689BR0002 | 0 | 1 | | | 79-34-5 | 6 | 6 ug/ | | V |
| | SEP1889BR0002 | 0 | 2 | FT | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | 5 ug/ | | |
| | SEP1889BR0002D | 0 | 2 | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 5 | 5 ug/g | | |
| | SEP2389BR0002 SEP0389BR0406 | 0 | 2 | | | 79-34-5 | 40 | 40 ug/g | | Α |
| | SEP1689BR0406 | 4 | 6 | | | 79-34-5 | 6 | 6 ug/g | | |
| | SEP1889BR0406 | 4 | 5 | | | 79-34-5 79-34-5 | 6 | 6 ug/g | | V |
| | SEP2389BR0406 | 4 | 6 | | | 79-34-5 | 6 | 6 ug/g | | Α |
| | SEP0389BR0002 | 0 | 2 | FT | | 79-00-5 | 6 | 6 ug/g | | |
| | SEP1689BR0002 | 0 | 1 | | | 79-00-5 | 6 | 6 ug/g | | V |
| | SEP1889BR0002 | 0 | 2 | | | 79-00-5 | 5 | 5 ug/g | | |
| | SEP1889BR0002D SEP2389BR0002 | 0 | 2 | | | 79-00-5 | 5 | 5 ug/g | | |
| | SEP0389BR0406 | 4 | 5 | | | 79-00-5 79-00-5 | 40 | 40 ug/g | | . A |
| 208889 | SEP1689BR0406 | 4 | 6 | | | 79-00-5 | 6 | 6 ug/g 6 ug/g | | V |
| | SEP1889BR0406 | 4 | 5 | | | 79-00-5 | 6 | 6 ug/g | | |
| | SEP2389BR0406 | 4 | 6 | | 1,1,2-TCA | 79-00-5 | 6 | 6 ug/g | | Α |
| | SEP0389BR0002 | 0 | 2 | | | 75-34-3 | 6 | 6 ug/g | U | |
| | SEP1689BR0002 SEP1889BR0002 | 0 | 2 | | | 75-34-3 | 6 | 6 ug/g | | V |
| | SEP1889BR0002D | 0 | 2 | | | 75-34-3 75-34-3 | 5 | 5 ug/g | | |
| | SEP2389BR0002 | 0 | 2 | | | 75-34-3 75-34-3 | 5 40 | 5 ug/g | | |
| 207589 5 | SEP0389BR0406 | 4 | 5 | | | 75-34-3 | 6 | 40 ug/g 6 ug/g | | A |
| | SEP1689BR0406 | 4 | 6 | | | 75-34-3 | 6 | 6 ug/g | | |
| | SEP1889BR0406 | 4 | 5 | | 1,1-DCA | 75-34-3 | 6 | 6 ug/g | | |
| | SEP2389BR0406 SEP0389BR0002 | 4 | 6 | | | 75-34-3 | 6 | 6 ug/g | | A |
| | SEP1689BR0002 | 0 | 1 | | | 75-35-4 | 6 | 6 ug/g | | |
| | EP1889BR0002 | 0 | 2 | | | 75-35-4 75-35-4 | 6 5 | 6 ug/g | | V |
| | SEP1889BR0002D | 0 | 2 | | 1 1 2 2 2 2 | 75-35-4 75-35-4 | 5 | 5 ug/g 5 ug/g | | |
| | EP2389BR0002 | 0 | 2 | | | 75-35-4 | 40 | 40 ug/g | | A |
| | EP0389BR0406 | 4 | 5 | FT | 1,1-DCE | 75-35-4 | 6 | 6 ug/g | | |
| | EP1689BR0406 | 4 | 6 | | | 75-35-4 | 6 | 6 ug/g | | ~ |
| | | | | | | | | | | |
| 209089 S | EP1889BR0406 | 4 | 5 | | | 75-35-4 | 6 | 6 ug/g | | |
| 209089 S 209589 S | SEP1889BR0406 SEP2389BR0406 | 4 | 6 | FT | 1,1-DCE | 75-35-4 | 6 | 6 ug/g | U | Α |
| 209089 S 209589 S 207589 S | EP1889BR0406 | | | FT · | 1,1-DCE 1,2-DCA | | | | U | A V |

| Page | | Table A.22 Solar | Evapora | tion Pon | ds AOC | - Analytical Results for Subsurfa | ce Soil Sam | ples Less tha | n 6 Feet with Irre | gular Units | |
|--|---------|------------------|---------|----------|--------|---|-------------|---------------|--------------------|-------------|-----------|
| SAMPLE NUMBER START END. CODE Analyse CAS NO | | | | | | | | DETENTION | | | |
| \$\frac{1}{2}\$ \text{SPESSSSSPECTORS} \q | | | | | | | | | | | |
| PROSESSESSESSESSESSESSESSESSESSESSESSESSES | | | | | | | | <u> </u> | | | QUALIFIER |
| Page | | | | | | | | | | | Ā |
| PROBESS SEPTISS SEPT | | | 4 | 5 | FT | 1,2-DCA | 107-06-2 | 6 | 6 ug/g | U | |
| Page | | | | | | | | | | | V |
| Page | | | | | | | | | | | |
| Personnell Per | | | | | | | | | | | A |
| SEPTISSS SEPTISSS SEPTISS SE | | | | | | | | | | | V |
| SEP28888R0002 | P209089 | | 0 | | | | | | | | - |
| SEP03898R0406 | | | | | FT | 1,2-DICHLOROETHENE | | | 5 ug/g | | |
| \$285888 \$EP16898RO406 | P209589 | | | | | | | | | | Α |
| SEP1898RAG06 | | | | | | | | | | | |
| 2295989 SEP28988R0408 | | | | | | | | | | | <u>v</u> |
| 227588 SEP0389810002 0 2 FT 1,2010HLOROPROPANE 76-87-5 6 61µg U V V V V V V V V V | | | | | | | | | 1-9-5 | | A |
| 298888 SEP1889BR0002 | | | | | | | | | | | ,, |
| 2290988 SEP18888R0002 | | SEP1689BR0002 | 0 | 1 | FT | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | U | V |
| \$290598 \$EP23898R0002 | | | | | | | | | 5 ug/g | | |
| \$227589 \$EP0389BR0406 | | | | | | | | | - 33 | | |
| \$2206999 \$\$P\$16898RA006 \$ \$ \$ \$ \$ \$ \$ \$ \$ | | | | | | | | | 199 | | <u> </u> |
| \$22009.00 \$\frac{1}{2} \text{20000} \$ \ \ \text{ \$ \ \ \ \text{ \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | _ | | | | | | | | - V |
| Page | | | | | | , — — — — — — — — — — — — — — — — — — — | | | | | · · |
| Page | | | | | | | | | | | A |
| Progress SEP1689BR0002 | | | | | | | | | | | |
| 2299989 SEP18988PR0002 | P208889 | SEP1689BR0002 | | 1 | | | 78-93-3 | 13 | 13 ug/g | U | V |
| 2299589 SEP23898R0002 0 2 FT 2-BUTANONE 78-93-3 12 12 10 10 10 10 10 10 | | | | | | | | | | | |
| 2207589 SEP0389BR0406 4 5 FT 2-BUTANONE 78-93-3 12 12 12 12 12 12 12 1 | | | | | | | | | | | |
| 220868 SEP1689BR0406 4 6 FT 2-BUTANONE 78-93-3 12 12 12 12 12 12 12 1 | | | | | | | | | | | - A |
| 2209699 SEP1898BR0406 | | | | | | | | | | | V |
| 2207589 SEP2389BR006 | | | | | | | | | | | <u>v</u> |
| 2207589 SEP0389BR0002 0 2 FT Z-HEXANONE 59178-6 11 11 11 11 11 11 12 12 12 12 12 13 13 | | | | | | | | | | | A |
| 2290898 SEP18898R0002 | | SEP0389BR0002 | 0 | 2 | FT | 2-HEXANONE | 591-78-6 | 11 | 11 ug/g | U | |
| 2290898 SEP1889BR0002D 0 2 FT | | | | | | | | | | | V |
| Page | | | | | | | | | | | |
| Page | | | | | | | | | | | |
| Page | | | | | | | | | | | |
| 2209689 SEP1889BR0406 | | | | | | | | | | | V |
| 2209589 SEP2389BR0002 | | | | | | | | | -00 | | - |
| P208889 SEP1689BR0002 | P209589 | SEP2389BR0406 | 4 | 6 | FT | 2-HEXANONE | 591-78-6 | 12 | | U | Α |
| P209089 SEP1889BR0002 | | | | | | | | | | | |
| P200899 SEP1889BR0002 | | | | | | | | | | | V |
| P200589 SEP2389BR0002 | | | | | | | | | | | |
| P207589 SEP0389BR0406 | | | | | | · | | | | | ^ |
| P208889 SEP1689BR0406 | | | | | | | | | | | ^ |
| P209089 SEP1889BR0406 | | | | | | | | | | | · V |
| P209589 SEP2389BR0406 | P209089 | SEP1889BR0406 | 4 | 5 | | | | | | | |
| P208889 SEP1689BR0002 0 | | | | | | | | | 12 ug/g | | Α |
| P209089 SEP1889BR0002 O D D D D D D D D D | | | | | | | | | | | |
| P209089 SEP1889BR0002D 0 2 FT ACETONE 67-64-1 11 11 11 19/g U | | | | | | | | | | | A |
| P209589 SEP2389BR0002 0 2 FT ACETONE 67-64-1 80 18 ug/g J A P207589 SEP0389BR0406 4 5 FT ACETONE 67-64-1 12 12 ug/g U P209689 SEP1689BR0406 4 6 FT ACETONE 67-64-1 11 11 ug/g U P209089 SEP1889BR0406 4 5 FT ACETONE 67-64-1 11 11 ug/g U P209089 SEP1889BR0406 4 6 FT ACETONE 67-64-1 11 11 ug/g U P209089 SEP2389BR0406 4 6 FT ACETONE 67-64-1 11 11 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0002 0 1 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 6 6 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 6 6 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 6 6 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0006 4 5 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0006 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0006 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0006 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP2389BR0000 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U P209089 SEP2389BR0000 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U P209089 SEP1889BR0000 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | |
| P207589 SEP0389BR0406 | | | | | | | | | | | Δ |
| P208889 SEP1689BR0406 4 6 FT ACETONE 67-64-1 12 12 ug/g U V P209089 SEP1889BR0406 4 5 FT ACETONE 67-64-1 11 11 ug/g U P209589 SEP2389BR0406 4 6 FT ACETONE 67-64-1 12 13 ug/g A P209589 SEP2389BR0406 4 6 FT ACETONE 67-64-1 12 13 ug/g A P209589 SEP0389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0002 0 1 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209689 SEP1889BR0006 4 5 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | |
| P209089 SEP1889BR0406 4 5 FT ACETONE 67-64-1 11 11 ug/g U P209589 SEP2389BR0406 4 6 FT ACETONE 67-64-1 12 13 ug/g A P207589 SEP0389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P208889 SEP1689BR0002 0 1 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 5 6 ug/g U P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP1689BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 5 ug/g U P209589 SEP389BR0406 4 6 FT BENZENE 71-43-2 6 5 ug/g U P209589 SEP389BR0406 4 6 FT BENZENE 75-27-4 6 6 ug/g U P209589 SEP389BR0400 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U P209589 SEP1889BR0400 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | P208889 | | | 6 | | | | | | | V |
| P207589 SEP0389BR0002 0 2 FT BENZENE 71-43-2 6 6 lug/g U P206889 SEP1689BR0002 0 1 FT BENZENE 71-43-2 6 6 lug/g U V P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 lug/g U P209089 SEP1889BR0002D 0 2 FT BENZENE 71-43-2 5 5 lug/g U P209589 SEP2389BR0002D 0 2 FT BENZENE 71-43-2 40 40 lug/g U A P209589 SEP0389BR0406 4 5 FT BENZENE 71-43-2 6 6 lug/g U V P209889 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U V P209589 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 lug/g U | | | | | | | | 11 | 11 ug/g | U | |
| P208889 SEP1889BR0002 0 1 FT BENZENE 71-43-2 6 6 6 ug/g U V P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209589 SEP289BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209589 SEP289BR0002 0 2 FT BENZENE 71-43-2 40 40 ug/g U A P209589 SEP0389BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U V P209589 SEP2389BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U V P209589 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U V P209589 SEP389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 ug/g U V P209689 SEP1889BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 ug/g U V P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U V P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | Α |
| P209089 SEP1889BR0002 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209089 SEP1889BR0002D 0 2 FT BENZENE 71-43-2 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 40 40 ug/g U A P209589 SEP0389BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U V P209089 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U V P209089 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U V P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U V P209089 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U V P209089 SEP0389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U A P209089 SEP0389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 ug/g U V P209089 SEP1889BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 ug/g U V P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U V P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U V | | | | | | | | | | | |
| 2209089 SEP1889BR0002D 0 2 FT BENZENE 71-43-2 5 5 10g/g U P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 40 40 ug/g U A P2097589 SEP0389BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U P2095889 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U V P209589 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U V P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP389BR0406 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U P209589 SEP1689BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT Ug/g U P2 | | | | | | | | | | | V |
| P209589 SEP2389BR0002 0 2 FT BENZENE 71-43-2 40 40 lug/g U A P209589 SEP0389BR0406 4 5 FT BENZENE 71-43-2 6 6 lug/g U U P209889 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U V P209589 SEP1889BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U V P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U A P209589 SEP0389BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U A P209589 SEP0389BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U A P209589 SEP0389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 | | | | | | | | | | | |
| P207589 SEP0389BR0406 4 5 FT BENZENE 71-43-2 6 6 lug/g U P208889 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U V P209589 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 lug/g U V P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U A P207589 SEP0389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U V P20889 SEP1889BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U V P29089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 lug/g U P209089 SEP1889BR0002D 0 2 FT BROMODICHLOROMETHANE 75-27-4 | | | | | | | | | | | Α |
| P208889 SEP1689BR0406 4 6 FT BENZENE 71-43-2 6 6 6 ug/g U V P209089 SEP1889BR0406 4 5 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 ug/g U A P209589 SEP0389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U P208889 SEP1689BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 6 ug/g U V P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | |
| P209589 SEP2389BR0406 4 6 FT BENZENE 71-43-2 6 6 lug/g U A P207589 SEP0389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U P208889 SEP1689BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U V P269089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 lug/g U P209089 SEP1889BR0002D 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 lug/g U | | | | | FT | BENZENE | 71-43-2 | | | | V |
| P297589 SEP0389BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U P208889 SEP1689BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U V P269089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 lug/g U P209089 SEP1889BR0002D 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 lug/g U | | | | | | | | | | | |
| P208889 SEP1689BR0002 0 1 FT BROMODICHLOROMETHANE 75-27-4 6 6 lug/g U V P269089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U *209089 SEP1889BR0002D 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | Α |
| 289089 SEP1889BR0002 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 1ug/g U 209089 SEP1889BR0002D 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | |
| 209089 SEP1889BR0002D 0 2 FT BROMODICHLOROMETHANE 75-27-4 5 5 ug/g U | | | | | | | | | | | v |
| | 4 | | | | | | | | | | |
| | | | | | | | | | | | |

| • | | Evapora | tion Pon | ds AOC | - Analytical Results for Subsurfa | ce Soil Sam | ples Less tha | n 6 Feet with Irre | | |
|-------------------------------|---------------------------------|---------|----------|--------|--|----------------------|---------------|--------------------|----------------|--|
| LOCATION | | DEPTH | DEPTH | UNIT | 18784201031 | 4.4 | DETECTION | | LAB RESULT | VALIDATION |
| CODE | SAMPLE NUMBER | | END | | Analyte | CAS NO | LIMIT | RESULT UNITS | QUALIFIER | QUALIFIER |
| P207589 | SEP0389BR0406 | 4 | 5 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | U | |
| P208889 | SEP1689BR0406 | 4 | 6 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | U | V |
| P209089 | SEP1889BR0406 | 4 | 5 | FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | | U | ļ |
| P209589 P207589 | SEP2389BR0406 SEP0389BR0002 | 0 | 6 | FT | BROMODICHLOROMETHANE BROMOFORM | 75-27-4 75-25-2 | 6 | | <u> </u> | A |
| P208889 | SEP1689BR0002 | 0 | 1 | | BROMOFORM | 75-25-2 | 6 | | U | |
| P209089 | SEP1889BR0002 | ō | 2 | | BROMOFORM | 75-25-2 | 5 | | Ū | |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | BROMOFORM | 75-25-2 | 5 | 5 ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | | BROMOFORM | 75-25-2 | 40 | | U | Α |
| P207589 | SEP0389BR0406 | 4 | 5 | | BROMOFORM | 75-25-2 | 6 | | U | |
| P208889 P209089 | SEP1689BR0406 SEP1889BR0406 | 4 | 5 | | BROMOFORM | 75-25-2 75-25-2 | 6 | | U | V |
| P209589 | SEP2389BR0406 | 4 | 6 | | BROMOFORM | 75-25-2 | 6 | 1.00 | Ü | A |
| P207589 | SEP0389BR0002 | o | 2 | | BROMOMETHANE | 74-83-9 | 11 | | Ū | |
| P208889 | SEP1689BR0002 | 0 | 1 | FT | BROMOMETHANE | 74-83-9 | 13 | | U | V |
| R209089 | SEP1889BR0002 | 0 | 2 | | BROMOMETHANE | 74-83-9 | 11 | | U | |
| P209089 | SEP1889BR0002D | 0 | 2 | | BROMOMETHANE | 74-83-9 | 11 | 11 ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | | BROMOMETHANE | 74-83-9 | 80 | | <u> </u> | Α |
| P207589 P208889 | SEP0389BR0406 SEP1689BR0406 | 4 | 5 6 | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 12 12 | | U | V |
| P209089 | SEP1889BR0406 | 4 | 5 | | BROMOMETHANE | 74-83-9 | 11 | | Ü | |
| P209589 | SEP2389BR0406 | 4 | 6 | | BROMOMETHANE | 74-83-9 | 12 | | Ü | A |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | CARBON DISULFIDE | 75-15-0 | 6 | | Ü | |
| P208889 | SEP1689BR0002 | 0 | 1 | | CARBON DISULFIDE | 75-15-0 | 6 | 6 ug/g | U | V |
| P209089 | SEP1889BR0002 | 0 | 2 | FT | CARBON DISULFIDE | 75-15-0 | 5 | | U | |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | CARBON DISULFIDE | 75-15-0 | 5 | 1.00 | Ų | |
| P209589 P207589 | SEP2389BR0002 SEP0389BR0406 | 0 | 2 5 | | CARBON DISULFIDE CARBON DISULFIDE | 75-15-0 75-15-0 | 40 | | U | A |
| P208889 | SEP1689BR0406 | 4 | 6 | | | 75-15-0 | 6 | | Ü | V |
| P209089 | SEP1889BR0406 | 4 | 5 | | | 75-15-0 | - 6 | | ü | • |
| P209589 | SEP2389BR0406 | 4 | 6 | | CARBON DISULFIDE | 75-15-0 | 6 | 1.55 | Ü | A |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | CARBON TETRACHLORIDE | 56-23-5 | 6 | | Ü | |
| P208889 | SEP1689BR0002 | 0 | 1 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | U | V |
| P209089 | SEP1889BR0002 | 0 | 2 | | CARBON TETRACHLORIDE | 56-23-5 | 5 | | U | |
| P209089 P209589 | SEP1889BR0002D SEP2389BR0002 | 0 | 2 | | CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 5 40 | | U | |
| P209589 P207589 | SEP0389BR0002 | 4 | 5 | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 | 6 | 40 ug/g 6 ug/g | U | Α |
| P208889 | SEP1689BR0406 | 4 | 6 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | Ü | V |
| P209089 | SEP1889BR0406 | 4 | 5 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | Ü | • |
| P209589 | SEP2389BR0406 | 4 | 6 | | CARBON TETRACHLORIDE | 56-23-5 | 6 | | Ū | A |
| ₽207589 | SEP0389BR0002 | 0 | 2 | FT | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/g | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | | CHLOROBENZENE | 108-90-7 | 6 | | U | V |
| P209089 | SEP1889BR0002 | 0 | 2 | | CHLOROBENZENE | 108-90-7 | 5 | - 00 | U | |
| P209089 P209589 | SEP1889BR0002D SEP2389BR0002 | 0 | 2 | | CHLOROBENZENE CHLOROBENZENE | 108-90-7 108-90-7 | 5 40 | 5 ug/g 40 ug/g | U | A |
| P207589 | SEP0389BR0406 | 4 | 5 | | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/g | Ü | ^ |
| P208889 | SEP1689BR0406 | 4 | 6 | | CHLOROBENZENE | 108-90-7 | 6 | | Ŭ | V |
| P209089 | SEP1889BR0406 | 4 | 5 | FT | CHLOROBENZENE | 108-90-7 | 6 | | U | |
| P209589 | SEP2389BR0406 | 4 | 6 | FT | CHLOROBENZENE | 108-90-7 | 6 | 6 ug/g | Ü | Α |
| P207589 | SEP0389BR0002 | 0 | 2 | | | 75-00-3 | 11 | | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | | CHLOROETHANE | 75-00-3 | 13 | | U | |
| P209089 P209089 | SEP1889BR0002 SEP1889BR0002D | 0 | 2 | | CHLOROETHANE CHLOROETHANE | 75-00-3 75-00-3 | 11 | | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | | CHLOROETHANE | 75-00-3 75-00-3 | 80 | | U | A |
| P207589 | SEP0389BR0406 | 4 | 5 | | CHLOROETHANE | 75-00-3 | 12 | | Ü | |
| P208889 | SEP1689BR0406 | 4 | 6 | | CHLOROETHANE | 75-00-3 | 12 | | Ü | V |
| P299089 | SEP1889BR0406 | 4 | 5 | FT | CHLOROETHANE | 75-00-3 | 11 | 11 ug/g | U | |
| P209589 | SEP2389BR0406 | 4 | 6 | | CHLOROETHANE | 75-00-3 | 12 | | U | A |
| P207589 | SEP0389BR0002 | 0 | 2 | | | 67-66-3 | 6 | | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | | | 67-66-3 | 6 | | U | V |
| P209089 P209089 | SEP1889BR0002 SEP1889BR0002D | 0 | 2 | | | 67-66-3 67-66-3 | 5 5 | | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | | | 67-66-3 | 40 | 40 ug/g | U | A |
| P207589 | SEP0389BR0406 | 4 | 5 | | | 67-66-3 | 6 | | - U | |
| P208889 | SEP1689BR0406 | 4 | 6 | | | 67-66-3 | 6 | | Ū - | V |
| P209089 | SEP1889BR0406 | 4 | 5 | FT | CHLOROFORM | 67-66-3 | 6 | 6 ug/g | U | |
| P209589 | SEP2389BR0406 | 4 | 6 | | | 67-66-3 | 6 | 6 ug/g | U | A |
| P207589 | SEP0389BR0002 | 0 | 2 | | CHLOROMETHANE | 74-87-3 | 11 | 11 ug/g | U | |
| P208889 | SEP1689BR0002 | 0 | 1 | | CHLOROMETHANE | 74-87-3 | 13 | | U | V |
| P209089 | SEP1889BR0002 SEP1889BR0002D | 0 | 2 | | | 74-87-3 74-87-3 | 11 | 11 ug/g 11 ug/g | U | |
| PZOGORG | | | | F 1 | OF ITOMORIE I TIME | 14-01-0 | | iijug/g | J i | |
| P209089 P209589 | | | | FT | CHLOROMETHANE | 74-87-3 | RO | 80 ug/g | () | Δ |
| P209089 P209589 P207589 | SEP2389BR0002 SEP0389BR0406 | 0 | 2 5 | | | 74-87-3 74-87-3 | 80 12 | | U | Α |

| COCATION SAMPLE AUMÉT STATT END COCE COCE CARRES COCE CARRES COCE CARRES COCE CARRES COCE CARRES COCE CARRES COCE CARRES COCE CARRES COCE CARRES | |
|--|-------------------------------------|
| PROMOSE PROMOSE 4 | ALIDATION |
| ### PROSESS SEPTISSSENDOWN | August and the second of the second |
| Page | COALIFIER |
| Page | A |
| P308688 SEP1689R7002 | |
| ## PROMOSES SEPTESSERFORD 0 2 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 5 5 1099 U 10090698 SEPTESSERFORD 0 2 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 40 40 1099 U 100907883 SEPTESSERFORD 0 2 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 40 40 1099 U 100907883 SEPTESSERFORD 4 5 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 6 6 1099 U 100907883 SEPTESSERFORD 4 5 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 6 6 1099 U 100907883 SEPTESSERFORD 4 6 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 6 6 1099 U 100907893 SEPTESSERFORD 4 6 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 6 6 1099 U 100907893 SEPTESSERFORD 4 6 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 6 6 1099 U 100907893 SEPTESSERFORD 5 7 FT CLS-1-3-DICHLOROPROPENE 10081-01-5 6 6 1099 U 100907893 SEPTESSERFORD 2 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 2 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 2 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 2 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 3 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 4 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 4 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 5 FT DISPONOCHIO-ONCHETHANE 124-48-1 6 6 1099 U 100907893 SEPTESSERFORD 5 FT | V |
| PROPERTY SEPTISSERFORCED 0 2 FT CIS-1-3-DICHLOROPROPENE 10081-01-5 5 5 5 5 5 5 5 5 5 | |
| ### 293588 SEPZESBRR0002 | |
| \$2,000.00 \$2,000.00 \$2,000.00 \$3,000.00 \$4,0 | Α |
| \$\frac{950500}{950500} \$\frac{15}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{95}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{15}{25} \frac{95050}{25} \frac{15}{25} \fr | |
| PROPERTY SEPSISSERFOLD 4 6 FT CIST-SOICHLONOPREPIE 1006-10-15 6 61-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 6 61-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 6 61-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 6 61-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 5 51-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 5 51-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 5 51-19/9 U PROVINCE PROVINCE TO BEROMOCHLOROMETHANE 124-48-1 5 51-19/9 U PROVINCE | V |
| PROFESSON SEPSIASSIBROOQ Q PT DIRROMOCHLOROMETHANE 124-48-1 6 6 6 99 U PROSESS SEPSIASSIBROOQ Q 1 FT DIRROMOCHLOROMETHANE 124-48-1 5 5 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 5 5 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 5 5 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 5 5 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 40 40 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 6 6 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 6 6 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 6 6 99 U PROSESS SEPSIASSIBROOQ Q 2 FT DIRROMOCHLOROMETHANE 124-48-1 6 6 99 U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 5 5 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 5 5 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 Q U PROSESS SEPSIASSIBROOQ Q 2 FT ETHYLEEN/CENE 100-41-4 6 6 99 | |
| \$2,000 \$ | A |
| PROPRISES SEPISSSERROOZ 0 2 FT DISROMOCHLOROMETHANE 12448-1 5 5 5 5 5 5 5 5 5 | |
| PROPOSES SEP1889BR00020 0 2 FT DIBROMOCHLOROMETHANE 1244-81 | |
| PROSESS SEP3389RR002 | |
| PROFESSON SEPOSSON | Α |
| PROPERTY | |
| PRODESS SEPTEMBERN406 | |
| P209595 SEP03898R0002 0 2 FT ETHYLERNZENE 100-41-4 6 6 6 6 6 9 9 0 1 1 1 1 1 1 1 1 1 | |
| PROTECT PROCESSES SEPCIMENT SEPCIM | Α |
| PROBERS SEPTIASSERROOQ O 1 | |
| PRODOBER SEP-1858BR0002 O 2 FT ETHYLENZENE 100-41-4 S Siuyg U PRODOBER SEP-1858BR0002 O 2 FT ETHYLENZENE 100-41-4 40 42 19/g U PRODOBER SEP-1858BR0002 O 2 FT ETHYLENZENE 100-41-4 40 42 19/g U PRODOBER SEP-1858BR0006 A S FT ETHYLENZENE 100-41-4 60 61 19/g U U PRODOBER SEP-1858BR0006 A S FT ETHYLENZENE 100-41-4 60 61 19/g U U PRODOBER SEP-1858BR0006 A S FT ETHYLENZENE 100-41-4 60 61 19/g U U PRODOBER SEP-1858BR0006 A S FT ETHYLENZENE 100-41-4 60 61 19/g U U PRODOBER SEP-1858BR0006 A S FT ETHYLENZENE 100-41-4 60 61 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 60 61 19/g U U PRODOBER SEP-1858BR0002 O 1 FT METHYLENE CHLORIDE 75-09-2 60 61 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0002 O 2 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0006 O 5 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0006 O 5 FT METHYLENE CHLORIDE 75-09-2 50 91 19/g U PRODOBER SEP-1858BR0006 O 2 FT STYRENE 100-42-5 50 19/g U PRODOBER SEP-1858BR0002 O 2 FT STYRENE 100-42-5 50 19/g U PRODOBER SEP-1858BR0002 O 2 FT STYRENE 100-42-5 50 19/g U PRODOBER SEP-1858BR0002 O 2 FT STYRENE 100-42-5 50 19/g U PRODOBER SEP-1858BR0000 O 2 FT STYRENE 100-42-5 50 19/g U PRODOBER SE | V |
| PROFESSOR SEPZISORE SEPZ | |
| P207589 SEP0389RR406 4 5 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0889RA406 4 6 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0889RA406 4 5 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0889RA406 4 5 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0389RA406 4 5 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0389RA406 4 6 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0389RA406 4 6 FT ETHYLERUZENE 100-41-4 6 G.Ug/g U U P207589 SEP0389RA406 2 0 2 FT METHYLERUZENE CHLORIDE 75-09-2 6 G.Ug/g U U P207589 SEP0389RA406 2 0 1 FT METHYLERUZENE CHLORIDE 75-09-2 6 G.Ug/g U U P207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 5 G.Ug/g U U P207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 5 G.Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 5 G.Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 G.Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 G.Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 G.Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT METHYLERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT STYRERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT STYRERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT STYRERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT STYRERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SEP0389RA406 4 S FT STYRERUZENE CHLORIDE 75-09-2 6 1Ug/g U D207589 SE | |
| Processor SEPT-RESERRACION Color | A |
| P200599 SEP1889BR006 | |
| P209585 SEP23898RP000 | V |
| P207589 SEP03898R0002 | |
| P20885 SEP16896R0002 | A |
| P200069 SEP1889BR0002 | |
| P200908 SEP1889BR0002D 0 2 FT METHYLENE CHLORIDE 75-09-2 5 4 ug/g | |
| P205589 SEP2389BR0002 | |
| P207586 SEP0389BR0406 | A |
| P208889 SEP1889BR0406 | |
| P209089 SEP1889BR0406 | Ā |
| P209589 SEP2389BR0002 | |
| P207599 SEP0389BR0002 0 2 FT STYRENE 100-42-5 6 6 lug/g U P208888 SEP1689BR0002 0 1 FT STYRENE 100-42-5 5 5 lug/g U P209098 SEP1889BR0002 0 2 FT STYRENE 100-42-5 5 5 lug/g U P209089 SEP2889BR0002D 0 2 FT STYRENE 100-42-5 5 5 lug/g U P209589 SEP2389BR0002 0 2 FT STYRENE 100-42-5 40 40 lug/g U P207589 SEP0389BR0406 4 5 FT STYRENE 100-42-5 6 6 lug/g U P209089 SEP1889BR0406 4 5 FT STYRENE 100-42-5 6 6 lug/g U P207589 SEP2389BR0002 0 1 FT TCE 79-01-6 6 6 lug/g U P207589 SEP2389BR0002 | A |
| P208888 SEP1689BR0002 | |
| P209089 SEP1889BR0002 | V |
| P209689 SEP1889BR0002D O O O O O O O O O | |
| P209589 SEP2389BR0002 | |
| P209889 SEP1889BR0406 4 | Α |
| P209089 SEP1889BR0406 | |
| P209589 SEP2389BR0406 | V |
| P207589 SEP0389BR0002 0 2 FT TCE 79-01-6 6 6 lug/g U P208889 SEP1689BR0002 0 1 FT TCE 79-01-6 6 6 lug/g U P209089 SEP1889BR0002 0 2 FT TCE 79-01-6 5 5 lug/g U P209089 SEP1889BR0002 0 2 FT TCE 79-01-6 5 5 lug/g U P209589 SEP2389BR0002 0 2 FT TCE 79-01-6 40 40 lug/g U P209589 SEP2389BR0406 4 5 FT TCE 79-01-6 6 6 lug/g U P209089 SEP1889BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P209589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P207589 SEP2389BR0002 0 2 | |
| P208889 SEP1689BR0002 0 1 FT TCE T9-01-6 6 Glug'g U P209089 SEP1889BR0002 0 2 FT TCE T9-01-6 5 5 Jug'g U P209089 SEP1889BR0002 0 2 FT TCE T9-01-6 5 5 Jug'g U P209589 SEP2889BR0002 0 2 FT TCE T9-01-6 40 40 ug'g U P207589 SEP0389BR0406 4 5 FT TCE T9-01-6 6 6 Glug'g U P209089 SEP1889BR0406 4 5 FT TCE T9-01-6 6 6 Glug'g U P207589 SEP1889BR0406 4 6 FT TCE 79-01-6 6 6 Glug'g U P207589 SEP0389BR0406 4 6 FT TCE 79-01-6 6 Glug'g U P207589 | A |
| P209089 SEP1889BR0002 0 2 FT TCE 79-01-6 5 Slug/g U P209089 SEP1889BR0002D 0 2 FT TCE 79-01-6 5 5 lug/g U P209589 SEP2389BR0002 0 2 FT TCE 79-01-6 40 40 lug/g U P209589 SEP0389BR0406 4 5 FT TCE 79-01-6 6 6 lug/g U P209589 SEP1889BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P209589 SEP1889BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P207589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P207589 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209589 SEP1889BR0002D 0 | |
| P209089 SEP1889BR0002D 0 2 FT TCE 79-01-6 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TCE 79-01-6 40 40 ug/g U P209589 SEP0389BR0406 4 5 FT TCE 79-01-6 6 6 ug/g U P209089 SEP1889BR0406 4 5 FT TCE 79-01-6 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 ug/g U P207589 SEP0389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209089 SEP1889BR0002 0 | · V |
| P209589 SEP2389BR0002 0 2 FT TCE 79-01-6 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TCE 79-01-6 6 6 ug/g U P209889 SEP1889BR0406 4 6 FT TCE 79-01-6 6 6 ug/g U P209889 SEP1889BR0406 4 6 FT TCE 79-01-6 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 ug/g U P207589 SEP0389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P207589 SEP1889BR0002 0 1 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0002D 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209589 SEP2389BR0406 | |
| P207589 SEP0389BR0406 4 5 FT TCE 79-01-6 6 6 Guy/g U P209889 SEP1689BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P209589 SEP2389BR0406 4 5 FT TCE 79-01-6 6 6 lug/g U P207569 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P207569 SEP0389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209889 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 lug/g U P209889 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 lug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 4 40 lug/g U P208589 </td <td>Α</td> | Α |
| P209889 SEP1889BR0406 4 6 FT TCE T79-01-6 6 6 Glug/g U | |
| P209089 SEP1889BR0406 4 5 FT TCE 79-01-6 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 ug/g U P207569 SEP0389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209889 SEP1889BR0002 0 1 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209089 SEP1889BR0002D 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P2 | V |
| P209589 SEP2389BR0406 4 6 FT TCE 79-01-6 6 6 lug/g U P207569 SEP0389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209889 SEP1689BR0002 0 1 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 lug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 lug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 lug/g U P207589 SEP0389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209589 SEP1689BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U | |
| P207569 SEP0389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P208889 SEP1689BR0002 0 1 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 lug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 lug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 lug/g U P207589 SEP0389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209589 SEP1689BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P209589 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U </td <td>A</td> | A |
| P208889 SEP1689BR0002 0 1 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 ug/g U P207589 SEP389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1689BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U < | |
| P209089 SEP1889BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209089 SEP1889BR0002D 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 ug/g U P207589 SEP389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P208889 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P207589 SEP2389BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U | V |
| P209089 SEP1889BR0002D 0 2 FT TETRACHLOROETHENE 127-18-4 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 ug/g U P209589 SEP0389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209889 SEP1889BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP2389BR0002 0 2 FT TOLUENE 127-18-4 6 6 ug/g U P209889 SEP0389BR0002 0 2 FT TOLUENE 108-88-3 6 6 ug/g U | |
| P209589 SEP2389BR0002 0 2 FT TETRACHLOROETHENE 127-18-4 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P207589 SEP0389BR0002 0 2 FT TOLUENE 108-88-3 6 6 ug/g U P209889 SEP1689BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P2 | |
| P207589 SEP0389BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P207589 SEP2389BR0002 0 2 FT TOLUENE 108-88-3 6 6 ug/g U P209889 SEP1689BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 | Α |
| P208889 SEP1689BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209089 SEP1889BR0406 4 5 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P209589 SEP2389BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 ug/g U P207589 SEP0389BR0002 0 2 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0002 0 1 FT TOLUENE 108-88-3 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209089 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 | |
| P209589 SEP2389BR0406 4 6 FT TETRACHLOROETHENE 127-18-4 6 6 lug/g U P207589 SEP0389BR0002 0 2 FT TOLUENE 108-88-3 6 6 lug/g U P208889 SEP1689BR0002 0 1 FT TOLUENE 108-88-3 6 6 lug/g U P209089 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 lug/g U P209589 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 lug/g U P209589 SEP2339BR0002 0 2 FT TOLUENE 108-88-3 40 40 lug/g U P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 lug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 lug/g U | V |
| P207589 SEP0389BR0002 0 2 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0002 0 1 FT TOLUENE 108-88-3 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209089 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TOLUENE 108-88-3 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 ug/g U | |
| P208889 SEP1689BR0002 0 1 FT TOLUENE 108-88-3 6 6 ug/g U P209089 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P2093089 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TOLUENE 108-88-3 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 ug/g U | A |
| P209089 SEP1889BR0002 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209089 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TOLUENE 108-88-3 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 ug/g U | ., |
| P203089 SEP1889BR0002D 0 2 FT TOLUENE 108-88-3 5 5 ug/g U P209589 SEP2389BR0002 0 2 FT TOLUENE 108-88-3 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 ug/g U | V |
| P209589 SEP2389BR0002 0 2 FT TOLUENE 108-88-3 40 40 ug/g U P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 ug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 ug/g U | |
| P207589 SEP0389BR0406 4 5 FT TOLUENE 108-88-3 6 6 lug/g U P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 lug/g U | |
| P208889 SEP1689BR0406 4 6 FT TOLUENE 108-88-3 6 6 ug/g U | A |
| | |
| 1/00-00-2 DEL/1989RK040P 4 2 LI 1.00-00-1 1.00-00-2 DI 1.00-00-1 DI | v |
| P209589 SEP2369BR0406 | A |

| 4.74 | Table A.22 Solar | | 1. 4.5 | 11.12 | . ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε | | (1) (2) (数 | व लाम् का उ | LAB | 1 4 4 3 |
|----------|------------------|-------|--------|-------|---|-------------|-------------|--------------------|--|--|
| LOCATION | | DEDTU | DEPTH | UNIT | | | DETECTION | | RESULT | VALIDATION |
| | SAMPLE NUMBER | START | | CODE | Analyte | CAS NO | LIMIT RESUL | LINITS | 6 mm 3 de 1 m de 1 de | |
| | SEP0389BR0002 | 0 | 2 | | TRANS-1,3-DICHLOROPROPENE | | | 6 ug/g | U | i doremine |
| | SEP1689BR0002 | 0 | 1 | | TRANS-1,3-DICHLOROPROPENE | | | 6 ug/g | - ŭ | V |
| | SEP1889BR0002 | 0 | 2 | | TRANS-1,3-DICHLOROPROPENE | | | 5 ug/g | Ü | |
| | SEP1889BR0002D | 0 | 2 | | TRANS-1,3-DICHLOROPROPENE | | | 5 ug/g | Ü | - |
| | SEP2389BR0002 | 0 | 2 | | TRANS-1,3-DICHLOROPROPENE | | | 0 ug/g | Ü | Α |
| | SEP2389BR0002 | 4 | 5 | | TRANS-1,3-DICHLOROPROPENE | - | | 6 ug/g | | |
| | SEP1689BR0406 | 4 | 6 | | TRANS-1,3-DICHLOROPROPENE | | | 6 ug/g | Ü | - v |
| | SEP1889BR0406 | 4 | 5 | | TRANS-1,3-DICHLOROPROPENE | | | 6 ug/g | | |
| | | - | 6 | FT | TRANS-1,3-DICHLOROPROPENE | | | 6 ug/g | U U | A |
| | SEP2389BR0406 | 4 | | | | | | | U | |
| | SEP0389BR0002 | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | | 1 ug/g | U U | V |
| | SEP1689BR0002 | 0 | 1 | FT | VINYL ACETATE | 108-05-4 | | 3 ug/g | | V |
| | SEP1889BR0002 | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | | 1 ug/g | U | ! |
| | SEP1889BR0002D | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | | 1 ug/g | U | |
| | SEP2389BR0002 | 0 | 2 | FT | VINYL ACETATE | 108-05-4 | | 0 ug/g | U | A |
| | SEP0389BR0406 | 4 | 5 | FT | VINYL ACETATE | 108-05-4 | | 2 ug/g | U | |
| | SEP1689BR0406 | 4 | 6 | FT | VINYL ACETATE | 108-05-4 | | 2 ug/g | U | V |
| P209089 | SEP1889BR0406 | 4 | 5 | FT | VINYL ACETATE | 108-05-4 | | 1 ug/g | U | |
| P209589 | SEP2389BR0406 | 4 | 6 | FT | VINYL ACETATE | 108-05-4 | | 2 ug/g | U | A |
| P207589 | SEP0389BR0002 | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | 11 1 | 1 ug/g | Ü | |
| P208889 | SEP1689BR0002 | 0 | 1 | FT | VINYL CHLORIDE | 75-01-4 | 13 1 | 3 ug/g | U | V |
| P209089 | SEP1889BR0002 | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | 11 1 | 1 ug/g | U | |
| P209089 | SEP1889BR0002D | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | 11 1 | 1 ug/g | U | |
| P209589 | SEP2389BR0002 | 0 | 2 | FT | VINYL CHLORIDE | 75-01-4 | 80 8 | 0 ug/g | U | Α |
| P207589 | SEP0389BR0406 | 4 | 5 | FT | VINYL CHLORIDE | 75-01-4 | 12 1 | 2 ug/g | U | |
| P208889 | SEP1689BR0406 | 4 | 6 | FT | VINYL CHLORIDE | 75-01-4 | | 2 ug/g | U | V |
| P209089 | SEP1889BR0406 | 4 | 5 | FT | VINYL CHLORIDE | 75-01-4 | | 1 ug/g | U | |
| P209589 | SEP2389BR0406 | 4 | 6 | FT | VINYL CHLORIDE | 75-01-4 | 12 1 | 2 ug/g | U | Α |
| | SEP0389BR0002 | 0 | 2 | | XYLENES (TOTAL) | 1330-20-7 | | 6 ug/g | Ū | |
| | SEP1689BR0002 | ō | 1 | | XYLENES (TOTAL) | 1330-20-7 | | 6 ug/g | Ū | V |
| | SEP1889BR0002 | 0 | 2 | 1 | XYLENES (TOTAL) | 1330-20-7 | | 5 ug/g | Ū | |
| | SEP1889BR0002D | 0 | 2 | FT | XYLENES (TOTAL) | 1330-20-7 | | 5 ug/g | Ü | |
| | SEP2389BR0002 | 0 | 2 | | XYLENES (TOTAL) | 1330-20-7 | | 8 ug/g | J | Α |
| | SEP0389BR0406 | 4 | 5 | FI | XYLENES (TOTAL) | 1330-20-7 | | 6 ug/g | Ü | |
| | SEP1689BR0406 | 4 | 6 | | XYLENES (TOTAL) | 1330-20-7 | | 6 ug/g | U U | - v |
| | SEP1889BR0406 | 4 | 5 | | XYLENES (TOTAL) | 1330-20-7 | | 6 ug/g | Ü | · · |
| | SEP1889BR0406 | 4 | 6 | | XYLENES (TOTAL) | 1330-20-7 | | 6 ug/g | Ü | A |

| Table A.23 S | olar Evaporation P | onds AO | C - Analy | tical Re | sults for Subsurface Soil Samples (| reater than | 6 Feet with Irre | gular Unit | 5 | | |
|--------------|--------------------------|----------|-----------|-----------|--|------------------------|------------------|-------------------|----------------|-------------|------------|
| LOCATION | SAMPLE | DEPTH | DEPTH | UNIT | PROPERTY OF THE PROPERTY OF TH | 左张 : | DETECTION | | | LAB RESULT | VALIDATION |
| | | START | | | | CAS NO | LIMIT | | | QUALIFIER | |
| · | | . 6 | | | ALUMINUM | 7429-90-5 | | | ug/Kg | | N |
| | C258608861 C278609861 | 12 | | | ALUMINUM | 7429-90-5 | | | ug/Kg | | N |
| | C258608862 | 12 | | | ALUMINUM | 7429-90-5 | ! | | ug/Kg ug/Kg | | N |
| | C278609862 | 20 | | | ALUMINUM | 7429-90-5 | | | ug/Kg | | N |
| 2786 | C278609860 | 6 | | | ANTIMONY | 7440-36-0 | | | ug/Kg | | N |
| | C258608861 | 12 | 14 | FT | ANTIMONY | 7440-36-0 | | | ug/Kg | | N |
| | C278609861 | 12 | | | ANTIMONY | 7440-36-0 | | | | Ü | N |
| | C258608862 | 20 | | | ANTIMONY | 7440-36-0 | | | | | N |
| | C278609862 C278609860 | 20 | 22 | | ANTIMONY ARSENIC | 7440-36-0 7440-38-2 | | | | | N |
| | C258608861 | 12 | 14 | | ARSENIC | 7440-38-2 | | | ug/Kg ug/Kg | | N N |
| | C278609861 | 12 | 14 | | ARSENIC | 7440-38-2 | | | ug/Kg | | N |
| | C258608862 | 20 | 22 | FT | ARSENIC | 7440-38-2 | | | ug/Kg | | N |
| | C278609862 | 20 | 22 | | ARSENIC | 7440-38-2 | | 0.95 | ug/Kg | | N |
| | C278609860 | 6 | | | BARIUM | 7440-39-3 | | | ug/Kg | | N |
| | C258608861 C278609861 | 12 12 | 14 | | BARIUM BARIUM | 7440-39-3 | | | ug/Kg | | N |
| | C258608862 | 20 | 22 | | BARIUM | 7440-39-3 7440-39-3 | - | | ug/Kg | | N |
| | C278609862 | 20 | 22 | | BARIUM | 7440-39-3 | | | ug/Kg ug/Kg | | N . |
| | C278609860 | 6 | | | BERYLLIUM | 7440-41-7 | | | ug/Kg | | N |
| | C258608861 | 12 | 14 | FT | BERYLLIUM | 7440-41-7 | | | ug/Kg | | N |
| | C278609861 | 12 | 14 | | BERYLLIUM | 7440-41-7 | | 1.3 | ug/Kg | U | N |
| | C258608862 | 20 | 22 | | BERYLLIUM | 7440-41-7 | | | ug/Kg | | N |
| | C278609862 C278609860 | 20 | 22 | | BERYLLIUM | 7440-41-7 | | | ug/Kg | | N |
| | C278609860 | 12 | 14 | | CADMIUM CADMIUM | 7440-43-9 7440-43-9 | | | ug/Kg ug/Kg | | N N |
| | C278609861 | 12 | 14 | | CADMIUM | 7440-43-9 | | | ug/Kg ug/Kg | | N N |
| 2586 | C258608862 | 20 | 22 | | CADMIUM | 7440-43-9 | | | ug/Kg | | N |
| | C278609862 | 20 | 22 | FT | CADMIUM | 7440-43-9 | | | ug/Kg | | N |
| | C278609860 | 6 | | | CALCIUM | 7440-70-2 | | | ug/Kg | | N |
| | C258608861 C278609861 | 12 | 14 | _ | CALCIUM | 7440-70-2 | | | ug/Kg | | N |
| | C278609861 C258608862 | 12 | 14 | | CALCIUM | 7440-70-2 7440-70-2 | | | ug/Kg | | N |
| | C278609862 | 20 | 22 | | CALCIUM | 7440-70-2 | | | ug/Kg ug/Kg | | N N |
| | C278609860 | 6 | 9 | | CESIUM | 7440-46-2 | | | ug/Kg | | N . |
| 2586 | C258608861 | 12 | 14 | FT | CESIUM | 7440-46-2 | | | ug/Kg | | N |
| | C278609861 | 12 | 14 | | | 7440-46-2 | | | ug/Kg | | N |
| | C258608862 | 20 | 22 | | | 7440-46-2 | | | ug/Kg | | N |
| | C278609862 C278609860 | 20 | 22 | | CESIUM | 7440-46-2 | | | ug/Kg | | N |
| | C258608861 | 12 | 14 | | CHROMIUM CHROMIUM | 7440-47-3 7440-47-3 | | | ug/Kg | | N |
| | C278609861 | 12 | 14 | | | 7440-47-3 | | | ug/Kg ug/Kg | | N N |
| | C258608862 | 20 | 22 | | CHROMIUM | 7440-47-3 | | | ug/Kg | | N |
| | C278609862 | 20 | 22 | FT | CHROMIUM | 7440-47-3 | | | ug/Kg | | N |
| | C278609860 | 6 | 9 1 | | | 7440-48-4 | | 11 | ug/Kg | U | N |
| | C258608861 | 12 | 14 | | | 7440-48-4 | | | ug/Kg | | N |
| | C278609861 C258608862 | 12 20 | 22 | | | 7440-48-4 7440-48-4 | | | ug/Kg | | N |
| | C278609862 | 20 | 22 | | | 7440-48-4 | | | ug/Kg ug/Kg | | N N |
| | C278609860 | 6 | 9 | | | 7440-50-8 | | | ug/Kg ug/Kg | | N N |
| 2586 | C258608861 | 12 | 14 | FT | COPPER | 7440-50-8 | | 23 | ug/Kg | | N |
| | C278609861 | 12 | 14 | | | 7440-50-8 | | 17 | ug/Kg | | N |
| | C258608862 | 20 | 22 | | | 7440-50-8 | | | ug/Kg | | N |
| | C278609862 C278609860 | 20 6 | 22 ll | | | 7440-50-8 | | | ug/Kg | | N . |
| | C258608861 | 12 | 14 1 | | | 7439-89-6 7439-89-6 | | 9570 | | | N . |
| | C278609861 | 12 | 14 | | | 7439-89-6 | | 14700 (5110 (| | | N N |
| | C258608862 | 20 | 22 | | | 7439-89-6 | | 2750 | | | N N |
| | C278609862 | 20 | 22 | | RON | 7439-89-6 | | 10600 | | | v - |
| | C278609860 | 6 | 9 | | | 7439-92-1 | | 0.2 | ıg/Kg | U I | ٧ |
| | C258608861 C278609861 | 12 | 14 | | | 7439-92-1 | | | ıg/Kg | | ٧ |
| | C278609861 C258608862 | 12 20 | 14 7 | | | 7439-92-1 7439-92-1 | | | ıg/Kg | ! | |
| | C278609862 | 20 | 22 | | | 7439-92-1 7439-92-1 | | | ıg/Kg ıg/Kg | | N N |
| | C278609860 | 6 | 9 1 | | | 7439-92-1 | | | ıg/Kg | | |
| 2586 | C258608861 | 12 | 14 | | | 7439-95-4 | | 4920 | | | |
| | C278609861 | 12 | 14 [| -T | MAGNESIUM | 7439-95-4 | | 3700 | | 1 | |
| | C258608862 | 20 | 22 F | | | 7439-95-4 | | 2400 t | ıg/Kg | | ٧ |
| | C278609862 | 20 | 22 F | | | 7439-95-4 | | 3700 | | | |
| | C278609860 C258608861 | 12 | 9 F | | | 7439-96-5 | | | ıg/Kg | ! | |
| | C278609861 | 12 | 14 F | | | 7439-96-5 7439-96-5 | | | ıg/Kg | | |
| | C258608862 | 20 | 22 F | | | 7439-96-5 | | | ig/Kg ig/Kg | 1 | |
| 20001 | | | | | | | | 91/6 | | | • |
| 2786 | C278609862 C278609860 | 20 | 22 F | <u>-T</u> | MANGANESE | 7439-96-5 | 1 | 43 1 | ıg/Kg | 1 | ا |

| Table A 23 S | olar Evaporation E | Ponds AO | C Anabe | tical Pa | culto for Subcurfoso Sail Samples C | `rootor than | 6 Foot with Irro | auday Haif | | | |
|--------------|--------------------------------|----------|-----------|----------|---|------------------------|--|------------|----------------|--|--|
| LOCATION | SAMPLE | | DEPTH | | sults for Subsurface Soil Samples G | | DETECTION | guiar Onii | s 🤝 | LAB RESULT | VALIDATION |
| CODE | NUMBER | START | END | CODE | Analyte | CAS NO | LIMIT * | RESULT | | | |
| 2586 | C258608861 | 12 | | | | 7439-97-6 | 1 | | ug/Kg | | N |
| . 2786 | C278609861 | 12 | 14 | FT | MERCURY | 7439-97-6 | | | | U | N |
| 2586 | C258608862 | 20 | 22 | FT | MERCURY | 7439-97-6 | | 0.12 | ug/Kg | U | N |
| | C278609862 | 20 | 22 | FT | MERCURY | 7439-97-6 | | 2.8 | ug/Kg | | N |
| | C278609860 | 6 | 9 | FT | MOLYBDENUM | 7439-98-7 | | 32 | ug/Kg | U | N |
| | C258608861 | 12 | 14 | | MOLYBDENUM | 7439-98-7 | | 36 | ug/Kg | U | N |
| | C278609861 | 12 | | | MOLYBDENUM | 7439-98-7 | | 38 | ug/Kg | | N |
| | C258608862 | 20 | 22 | | MOLYBDENUM | 7439-98-7 | | 35 | ug/Kg | | N |
| | C278609862 | 20 | 22 | | MOLYBDENUM | 7439-98-7 | | | <u>:</u> | | N |
| | C278609860 | 6 | | | NICKEL | 7440-02-0 | | | ug/Kg | | N |
| | C258608861 | 12 | 14 | | NICKEL | 7440-02-0 | <u> </u> | | ug/Kg | | N |
| | C278609861 | 12 | 14 | | NICKEL | 7440-02-0 | | | | | N |
| | C258608862 | 20 | 22 | | NICKEL | 7440-02-0 | | | | | N |
| | C278609862 | 20 | 22 | | NICKEL | 7440-02-0 | | | ug/Kg | | N |
| | C278609860 | 6 | | | POTASSIUM | 9/7/40 | | | ug/Kg | | N |
| | C258608861 C278609861 | 12 | 14 | | POTASSIUM | 9/7/40 | | | ug/Kg | | N |
| | C258608862 | 12 | 14) 22 | | POTASSIUM | 9/7/40 | | | ug/Kg | | N |
| | C278609862 | 20 | | | POTASSIUM POTASSIUM | 9/7/40 | | | ug/Kg | | N |
| | C278609860 | | 22 | | | 9/7/40 | | | ug/Kg | | N |
| | C2786098861 | 12 | 14 | | SELENIUM SELENIUM | 7782-49-2 7782-49-2 | | | ug/Kg | | N N |
| | C278609861 | 12 | 14 | | SELENIUM | 7782-49-2 | | | ug/Kg | | N N |
| | C258608862 | 20 | 22 | | SELENIUM | 7782-49-2 | | | ug/Kg | | N N |
| | C278609862 | 20 | 22 | | | 7782-49-2 | | | | | N |
| | C278609860 | 6 | | | | 7440-22-4 | | | ug/Kg ug/Kg | | N N |
| | C258608861 | 12 | 14 | | SILVER | 7440-22-4 | | | | | N |
| | C278609861 | 12 | 14 | | | 7440-22-4 | | | | | N |
| | C258608862 | 20 | 22 | | SILVER | 7440-22-4 | | | | | N |
| | C278609862 | 20 | 22 | | SILVER | 7440-22-4 | | | | | N |
| | C278609860 | 6 | | | | 7440-23-5 | | | ug/Kg | - | N |
| | C258608861 | 12 | 14 | | SODIUM | 7440-23-5 | | | ug/Kg | | N |
| | C278609861 | 12 | 14 | | SODIUM | 7440-23-5 | | | ug/Kg | | N |
| 2586 | C258608862 | 20 | 22 | | | 7440-23-5 | | | ug/Kg | | N |
| 2786 | C278609862 | 20 | 22 | | | 7440-23-5 | | | ug/Kg | | N |
| | C278609860 | 6 | | | STRONTIUM | 7440-24-6 | | | | | N |
| 2586 | C258608861 | 12 | 14 | FT | STRONTIUM | 7440-24-6 | | | ug/Kg | | N |
| 2786 | C278609861 | 12 | 14 | FT | STRONTIUM | 7440-24-6 | | | ug/Kg | | N |
| · 2586 | C258608862 | 20 | 22 | FT | STRONTIUM | 7440-24-6 | | | ug/Kg | | N |
| . 2786 | C278609862 | 20 | 22 | FT | STRONTIUM | 7440-24-6 | | | ug/Kg | | N |
| . 2786 | C278609860 | 6 | 9 | FT | THALLIUM | 7440-28-0 | | | | | N |
| . 2586 | C258608861 | 12 | 14 | FT | THALLIUM | 7440-28-0 | | | ug/Kg | U | N |
| 2786 | C278609861 | 12 | 14 | FT | THALLIUM | 7440-28-0 | | 2.5 | ug/Kg | U | N |
| 2586 | C258608862 | 20 | 22 | FT | THALLIUM | 7440-28-0 | | 2.4 | ug/Kg | U | N |
| | C278609862 | 20 | 22 | FT | THALLIUM | 7440-28-0 | | 2.4 | ug/Kg | U | N |
| | C278609860 | 6 | 9 | | | 7440-62-2 | | 15 | ug/Kg | | N |
| | C258608861 | 12 | 14 | | VANADIUM | 7440-62-2 | | 40 | ug/Kg | | N |
| | C278609861 | 12 | 14 | | VANADIUM | 7440-62-2 | | 21 | ug/Kg | | N |
| | C258608862 | 20 | 22 | | | 7440-62-2 | | | ug/Kg | | N |
| | C278609862 | 20 | 22 | | | 7440-62-2 | | | ug/Kg | | N |
| | C278609860 | 6 | 9 | | | 7440-66-6 | | | ug/Kg | | N |
| I-, | C258608861 | 12 | 14 | | | 7440-66-6 | | | ug/Kg | | N |
| | C278609861 | 12 | 14 | | | 7440-66-6 | | | ug/Kg | | N |
| | C258608862 | 20 | 22 | | | 7440-66-6 | | | ug/Kg | | N · |
| | C278609862 | 20 | 22 | | | 7440-66-6 | | | ug/Kg | | N · |
| | SEP0389BR0810 | 8 | 10 | | | 71-55-6 | 6 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | | 71-55-6 | 6 | | | | V |
| | SEP1889BR0810 | 8 | 9 | | | 71-55-6 | 5 | | | U | |
| | SEP2389BR0810 | 8 | 10 | | | 71-55-6 | 6 | | | | <u> </u> |
| | SEP0389BR1214 | 12 | 14 | | | 71-55-6 | 6 | | | U | |
| | SEP1689BR1214 SEP1889BR1214 | 12 | 14 | | | 71-55-6 | 6 | | | | <u> </u> |
| | SEP2389BR1416 | 12 14 | 14 | | | 71-55-6 | 6 | | | U | |
| | SEP0389BR1416 | 16 | 14 | | | 71-55-6 | 6 | | | | <u> </u> |
| | SEP1689BR1618 | 16 | 18 | | | 71-55-6 | 6 | | | Ü | , |
| | SEP1889BR1618 | 16 | 18 | | | 71-55-6 71-55-6 | 6 | | | | V |
| | SEP2389BR1820 | 18 | 20 | | | 71-55-6 | 6 | | | U | |
| | SEP0389BR2022 | 20 | 22 | | | 71-55-6 | 6 | | | U | Α |
| | SEP1889BR2022 | 20 | 22 | | | 71-55-6 | 6 | | | U | |
| | SEP1889BR2426 | 24 | 26 | | | 71-55-6 | 6 | | | Ü | · |
| | SEP0389BR0810 | 8 | 10 | | | 79-34-5 | 6 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | | 79-34-5 | 6 | | | | - |
| | SEP1889BR0810 | 8 | 9 | | | 79-34-5 | 5 | | | U | |
| | SEP2389BR0810 | 8 | 10 | | | 79-34-5 | 6 | | | | |
| | SEP0389BR1214 | 12 | 14 | | | 79-34-5 | 6 | | | Ŭ | |
| | SEP1689BR1214 | 12 | 14 | | | 79-34-5 | 6 | | | | |
| | SEP1889BR1214 | 12 | 14 | | | 79-34-5 | 6 | | | Ü | |
| | | | • | | ·,·,-,- · - · · · · · · · · · · · · · · | | | | ~g/g | <u>~ </u> | |

| Table A 23 S | Not Evaporation B | onds AO | C - Application | al Bos | ults for Subsurface Soil Samples G | Croator than | 6 Foot with Irro | outer Unit | | | |
|--------------|--------------------------------|---------|-----------------|---------------|---------------------------------------|--------------------|------------------|-------------|-------------|--------------|--|
| LOCATION | SAMPLE | | DEPTH L | | | reater than | DETECTION | guiar Unit | | LAB RESULT | VALIDATION |
| CODE | NUMBER | START | | ODE | Analyte | CAS NO | LIMIT | RESULT | | | |
| P209589 | SEP2389BR1416 | 14 | 14 FT | r | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | 6 | ug/g | | Α |
| | SEP0389BR1618 | 16 | 18 FT | | | 79-34-5 | 6 | 6 | ug/g | Ü | |
| | SEP1689BR1618 | 16 | 18 FT | Γ | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | 6 | ug/g | U | V |
| | SEP1889BR1618 | 16 | | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | 6 | | U | |
| | SEP2389BR1820 | 18 | 20 FT | $\overline{}$ | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | | U | Α |
| | SEP0389BR2022 | 20 | 22 FT | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | | U | |
| | SEP1889BR2022 | 20 | 22 FT | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | . 6 | | | U | |
| <u> </u> | SEP1889BR2426 | 24 | 26 FT | | 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 6 | | | U | |
| | SEP0389BR0810 | 8 | 10 FT | | 1,1,2-TCA | 79-00-5 | 6 | | | U | |
| | SEP1689BR0810 | 8 | 10 FT | | 1,1,2-TCA | 79-00-5 | 6 | | | | V |
| | SEP1889BR0810 | 8 | 9 FT | _ | 1,1,2-TCA | 79-00-5 | 5 | | | U | |
| P209589 | SEP2389BR0810 | .8 | 10 FT | | 1,1,2-TCA | 79-00-5 | 6 | | | U | Α |
| | SEP0389BR1214 | 12 | 14 FT | | 1,1,2-TCA | 79-00-5 | 6 | | | U | |
| | SEP1689BR1214 | 12 | 14 FT | \rightarrow | 1,1,2-TCA | 79-00-5 | 6 | | | Ü | IV |
| | SEP1889BR1214 | 12 | 14 FT | | 1,1,2-TCA | 79-00-5 | 6 | | | U | |
| | SEP2389BR1416 SEP0389BR1618 | 16 | 18 FT | | 1,1,2-TCA | 79-00-5 | 6 | | | <u>U</u> | A |
| | SEP1689BR1618 | 16 | 18 FT | | 1,1,2-TCA | 79-00-5 79-00-5 | 6 | | | <u>U</u> | V |
| | SEP1889BR1618 | 16 | 18 FT | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 6 | | | U U | V |
| | SEP2389BR1820 | 18 | 20 FT | _ | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 6 | | | | <u> </u> |
| | SEP0389BR2022 | 20 | 20 FT | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 6 | | | U U | A |
| | SEP1889BR2022 | 20 | 22 FT | | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 6 | | 9 9 | U | - |
| | SEP1889BR2426 | 24 | 26 FT | _ | 1,1,2-TCA 1,1,2-TCA | 79-00-5 | 6 | | | U | |
| | SEP0389BR0810 | 8 | 10 FT | | 1,1,2-10A 1,1-DCA | 75-34-3 | 6 | | | <u>U</u> | |
| | SEP1689BR0810 | 8 | 10 FT | | 1,1-DCA | 75-34-3 | 6 | | | U U | v – |
| | SEP1889BR0810 | 8 | 9 FT | _ | 1.1-DCA | 75-34-3 | 5 | | | U | - |
| | SEP2389BR0810 | 8 | 10 FT | | 1,1-DCA | 75-34-3 | 6 | | | U | Α |
| | SEP0389BR1214 | 12 | 14 FT | | 1,1-DCA | 75-34-3 | 6 | | | u | |
| | SEP1689BR1214 | 12 | 14 FT | | | 75-34-3 | 6 | | | U | V |
| | SEP1889BR1214 | 12 | 14 FT | | | 75-34-3 | 6 | | | U | |
| | SEP2389BR1416 | 14 | 14 FT | | | 75-34-3 | 6 | | | | Α |
| P207589 | SEP0389BR1618 | 16 | 18 FT | | 1,1-DCA | 75-34-3 | 6 | | -5-5 | Ü | <u> </u> |
| P208889 | SEP1689BR1618 | 16 | 18 FT | | 1,1-DCA | 75-34-3 | 6 | | -0-0 | | V |
| | SEP1889BR1618 | 16 | 18 FT | $\overline{}$ | 1,1-DCA | 75-34-3 | 6 | | | Ŭ | |
| P209589 | SEP2389BR1820 | 18 | 20 FT | | 1,1-DCA | 75-34-3 | 6 | | -3.0 | | Α |
| | SEP0389BR2022 | 20 | 22 FT | | | 75-34-3 | 6 | | -5-5 | Ū | |
| | SEP1889BR2022 | 20 | 22 FT | | I,1-DCA | 75-34-3 | 6 | | | Ū . | |
| | SEP1889BR2426 | 24 | 26 FT | | I,1-DCA | 75-34-3 | 6 | | | U | |
| | SEP0389BR0810 | 8 | 10 FT | | | 75-35-4 | 6 | 6 | | U | |
| | SEP1689BR0810 | 8 | 10 FT | | | 75-35-4 | 6 | 6 | | | v |
| | SEP1889BR0810 | 8 | 9 FT | | 1,1-DCE | 75-35-4 | 5 | | | U | |
| | SEP2389BR0810 | 8 | 10 FT | | · · · · · · · · · · · · · · · · · · · | 75-35-4 | 6 | | -5-5 | | A |
| | SEP0389BR1214 | 12 | 14 FT | | | 75-35-4 | 6 | | -00 | U | |
| | SEP1689BR1214 | 12 | 14 FT | | | 75-35-4 | 6 | | | | V |
| | SEP1889BR1214 | 12 | 14 FT | | | 75-35-4 | 6 | | | U | |
| | SEP2389BR1416 | 14 | 14 FT | | | 75-35-4 | 6 | | | | A |
| | SEP0389BR1618 | 16 | 18 FT | | | 75-35-4 | 6 | | | U | |
| | SEP1689BR1618 | 16 | 18 FT | | | 75-35-4 | 6 | | | U | V |
| | SEP1889BR1618 | 16 | 18 FT | \rightarrow | | 75-35-4 | 6 | | | U | • |
| | SEP2389BR1820 | 18 | 20 FT | | <u> </u> | 75-35-4 | 6 | | | U I | Α |
| | SEP0389BR2022 SEP1889BR2022 | 20 | 22 FT 22 FT | | | 75-35-4 75-35-4 | 6 | | -9.0 | | |
| | SEP1889BR2022 | 24 | 26 FT | | 1,1-DCE | 75-35-4 75-35-4 | 6 | | | U | |
| | SEP0389BR0810 | 8 | 10 FT | | 1,1-DCE | 107-06-2 | 6 | | | U | |
| | SEP1689BR0810 | 8 | 10 FT | | 1,2-DCA | 107-06-2 | | | | U | V |
| | SEP1889BR0810 | 8 | 9 FT | _ | 1,2-DCA | 107-06-2 | 5 | | | U U | <u>v</u> |
| | SEP2389BR0810 | 8 | 10 FT | | | 107-06-2 | 6 | | | | Α |
| | SEP0389BR0810 | 12 | 14 FT | _ | <u> </u> | 107-06-2 | - 6 | | | U | ^ |
| | SEP1689BR1214 | 12 | 14 FT | | | 107-06-2 | 6 | | | | v |
| | SEP1889BR1214 | 12 | 14 FT | _ | · · · · · · · · · · · · · · · · · · · | 107-06-2 | 6 | | | U | <u>v</u> |
| | SEP2389BR1416 | 14 | 14 FT | | | 107-06-2 | 6 | | | | Δ |
| | SEP0389BR1618 | 16 | 18 FT | | | 107-06-2 | 6 | | | U I | Α |
| | SEP1689BR1618 | 16 | 18 FT | | | 107-06-2 | 6 | | ug/g (i | | v |
| | SEP1889BR1618 | 16 | 18 FT | | | 107-06-2 | 6 | | | Ü | • |
| | SEP2389BR1820 | 18 | 20 FT | | | 107-06-2 | 6 | | ug/g | | Α |
| | SEP0389BR2022 | 20 | 22 FT | | | 107-06-2 | 6 | | ug/g | | |
| | SEP1889BR2022 | 20 | 22 FT | | | 107-06-2 | 6 | | ug/g | | |
| | SEP1889BR2426 | 24 | 26 FT | | | 107-06-2 | 6 | | ug/g l | | |
| | SEP0389BR0810 | 8 | 10 FT | | | 540-59-0 | 6 | | ug/g (| | |
| | SEP1689BR0810 | 8 | 10 FT | | | 540-59-0 | 6 | | ug/g (| | |
| | SEP1889BR0810 | 8 | 9 FT | | <u></u> | 540-59-0 | 5 | | ug/g (| | |
| | SEP2389BR0810 | 8 | 10 FT | | | 540-59-0 | 6 | | ug/g il | | A |
| | SEP0389BR1214 | 12 | 14 FT | | | 540-59-0 | 6 | | ug/g | | |
| | SEP1689BR1214 | 12 | 14 FT | | · · · · · · · · · · · · · · · · · · · | 540-59-0 | 6 | | ug/g | | v |
| | SEP1889BR1214 | 12 | 14 FT | | | 540-59-0 | 6 | | ug/g l | | |
| | SEP2389BR1416 | 14 | 14 FT | | | 540-59-0 | 6 | | ug/g l | | A |
| | | | | | | | 91 | | | | |

| Table A 23 Sc | alar Evaporation P | Ponds AO | C - Analy | tical Po | sults for Subsurface Soil Samples G | reater than | & Eggt with Irra | oular Hai | te | | |
|---------------|--------------------------------|----------|-----------|---------------|--|----------------------|------------------|------------|---|--------------|---------------|
| LOCATION | SAMPLE | DEPTH | DEPTH | UNIT | suits for Subsurface Son Samples C | Sale Com | DETECTION | guiai Uiii | 07-01-01-01-01-01 | LAB RESULT | VALIDATION |
| CODE | NUMBER 🖫 | START | END | CODE | Analyte . | CAS NO | UMIT | RESULT | | QUALIFIER | QUALIFIER |
| | SEP0389BR1618 | 16 | 18 | FT | | 540-59-0 | 6 | 6 | lug/g | U | |
| | SEP1689BR1618 | 16 | 18 | | | 540-59-0 | 6 | | | U | IV |
| | SEP1889BR1618 | 16 | | | | 540-59-0 | 6 | | | U | <u> </u> |
| | SEP2389BR1820 | 18 | 20 | | , | 540-59-0 | 6 | | | U | A |
| | SEP0389BR2022 SEP1889BR2022 | 20 | 22 22 | | 1,2-DICHLOROETHENE 1,2-DICHLOROETHENE | 540-59-0 540-59-0 | 6 | | | U | |
| | SEP1889BR2426 | 24 | | | 1,2-DICHLOROETHENE | 540-59-0 | 6 | | | U | |
| | SEP0389BR0810 | 8 | | FT | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | U | |
| | SEP1689BR0810 | 8 | | | | 78-87-5 | 6 | | -00 | Ū | V |
| P209089 | SEP1889BR0810 | 8 | 9 | FT | 1,2-DICHLOROPROPANE | 78-87-5 | 5 | | | U | |
| P209589 | SEP2389BR0810 | 8 | 10 | FT | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | 6 | ug/g | U | Α |
| · | SEP0389BR1214 | 12 | 14 | | | 78-87-5 | 6 | | | U | |
| | SEP1689BR1214 | 12 | 14 | | <u> </u> | 78-87-5 | 6 | | | U | V |
| | SEP1889BR1214 | 12 | 14 | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | U | ļ <u>.</u> |
| | SEP2389BR1416 | 14 | 14 | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | <u>U</u> | Α |
| | SEP0389BR1618 SEP1689BR1618 | 16 16 | 18 18 | | 1,2-DICHLOROPROPANE 1,2-DICHLOROPROPANE | 78-87-5 78-87-5 | 6 | | | <u>U</u> | V |
| | SEP1889BR1618 | 16 | 18 | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | Ü | |
| P209589 | SEP2389BR1820 | 18 | 20 | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | U | A |
| | SEP0389BR2022 | 20 | . 22 | $\overline{}$ | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | Ü | |
| | SEP1889BR2022 | 20 | 22 | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | Ū | |
| | SEP1889BR2426 | 24 | 26 | | 1,2-DICHLOROPROPANE | 78-87-5 | 6 | | | Ü | |
| P207589 | SEP0389BR0810 | 8 | 10 | | 2-BUTANONE | 78-93-3 | 12 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | 2-BUTANONE | 78-93-3 | 12 | | | U | V |
| | SEP1889BR0810 | 8 | | | 2-BUTANONE | 78-93-3 | 10 | | | U | |
| | SEP2389BR0810 | 8 | 10 | | 2-BUTANONE | 78-93-3 | 11 | | - 3 3 | U | Α |
| | SEP0389BR1214 | 12 | 14 | | 2-BUTANONE | 78-93-3 | 13 | | , , , , , , , , , , , , , , , , , , , | U | ļ |
| | SEP1689BR1214 | . 12 | 14 | | 2-BUTANONE | 78-93-3 | 12 | | | U | V |
| | SEP1889BR1214 | 12 | 14 | | 2-BUTANONE | 78-93-3 | 12 | | | U | |
| | SEP2389BR1416 | 14 | 14 | | 2-BUTANONE | 78-93-3 | 12 | | | <u>U</u> | A |
| | SEP0389BR1618 SEP1689BR1618 | 16 | 18 18 | | 2-BUTANONE 2-BUTANONE | 78-93-3 78-93-3 | 12 12 | | | บ | v |
| | SEP1889BR1618 | 16 | 18 | | 2-BUTANONE | 78-93-3 | 12 | | | - | V |
| | SEP2389BR1820 | 18 | 20 | | 2-BUTANONE | 78-93-3 | 12 | | | U | A |
| | SEP0389BR2022 | 20 | 22 | | | 78-93-3 | 12 | | | J | <u> </u> |
| | SEP1889BR2022 | 20 | 22 | | | 78-93-3 | 12 | | | U | |
| | SEP1889BR2426 | 24 | 26 | | | 78-93-3 | 12 | | | Ū | |
| P207589 | SEP0389BR0810 | 8 | 10 | FT | 2-HEXANONE | 591-78-6 | 12 | | | U | 1 |
| P208889 | SEP1689BR0810 | 8 | 10 | FT | 2-HEXANONE | 591-78-6 | 12 | | | U | V |
| | SEP1889BR0810 | 8 | 9 | | | 591-78-6 | 10 | 10 | ug/g | U | |
| | SEP2389BR0810 | 8 | · 10 | | 2-HEXANONE | 591-78-6 | 11 | | - 0 0 | U | Α |
| | SEP0389BR1214 | 12 | 14 | | | 591-78-6 | 13 | | | U | |
| <u> </u> | SEP1689BR1214 | 12 | 14 | | | 591-78-6 | 12 | | -50 | U | v |
| | SEP1889BR1214 | 12 | 14 | | | 591-78-6 | 12 | | | U | |
| | SEP2389BR1416 | 14 | 14 | | | 591-78-6 | 12 | | | U | Α |
| | SEP0389BR1618 SEP1689BR1618 | 16 16 | 18 18 | | | 591-78-6 591-78-6 | 12 12 | | | U U | v |
| | SEP1889BR1618 | 16 | 18 | | | 591-78-6 | 12 | | | U U | <u> </u> |
| | SEP2389BR1820 | 18 | 20 | | | 591-78-6 | 12 | | -3-3 | U U | Α |
| ,, | SEP0389BR2022 | 20 | 22 | | | 591-78-6 | 12 | | | Ŭ . | |
| | SEP1889BR2022 | 20 | | | | 591-78-6 | 12 | 12 | ug/g | Ŭ | |
| | SEP1889BR2426 | 24 | 26 | | | 591-78-6 | 12 | | | Ŭ | |
| | SEP0389BR0810 | 8 | 10 | | | 108-10-1 | 12 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | | | U | V |
| | SEP1889BR0810 | 8 | | | 4-METHYL-2-PENTANONE | 108-10-1 | 10 | | | U | |
| | SEP2389BR0810 | 8 | 10 | | | 108-10-1 | 11 | | | Ŭ | Α |
| | SEP0389BR1214 | 12 | 14 | | | 108-10-1 | 13 | | | <u>U</u> | k |
| | SEP1689BR1214 | 12 | 14 | | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | 12 | ug/g | U | V |
| | SEP1889BR1214 | 12 | 14 | | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | | | U | |
| | SEP2389BR1416 SEP0389BR1618 | 16 | 14 | | 4-METHYL-2-PENTANONE 4-METHYL-2-PENTANONE | 108-10-1 108-10-1 | 12 12 | | | U U | Α |
| | SEP1689BR1618 | 16 | 18 | | · | 108-10-1 | 12 | | | Ü | v |
| | SEP1889BR1618 | 16 | 18 | | | 108-10-1 | 12 | 12 | | <u> </u> | <u> </u> |
| | SEP2389BR1820 | 18 | 20 | | | 108-10-1 | 12 | | | <u>u</u> | A |
| | SEP0389BR2022 | 20 | 22 | | | 108-10-1 | 12 | | | JB | |
| | SEP1889BR2022 | 20 | 22 | | | 108-10-1 | 12 | | | Ü | |
| | SEP1889BR2426 | 24 | 26 | FT | 4-METHYL-2-PENTANONE | 108-10-1 | 12 | | ug/g | U | |
| | SEP0389BR0810 | 8 | 10 | | | 67-64-1 | 12 | 14 | ug/g | В | |
| | SEP1689BR0810 | 8 | 10 | | | 67-64-1 | 12 | 12 | | U | V |
| | SEP1889BR0810 | 8 | | | | 67-64-1 | 10 | | | J | |
| | SEP2389BR0810 | 8 | 10 | | | 67-64-1 | 11 | | ug/g | | Α |
| | SEP0389BR1214 | 121 | 14 | | | 67-64-1 | 13 | | | JB | |
| | SEP1689BR1214 | 12 | 14 | | | 67-64-1 | 12 | | | <u>u</u> | V |
| | SEP1889BR1214 | 12 | 14 | | | 67-64-1 | , 12 | | | <u>J</u> | A |
| | SEP2389BR1416 SEP0389BR1618 | 14 | 18 | | | 67-64-1 | 12 | | | | Α |
| 1.701.002 | OLTU3030K 1018 | 101 | 16 | ri . | ACE TONE | 67-64-1 | 12 | . 12 | ug/g | В | |

| Table A.23 So | olar Evaporation P | onds AO | C - Analytical Re | sults for Subsurface Soil Samples C | reater than | 6 Feet with Irre | gular Uni | | | |
|-----------------|----------------------------------|----------|-------------------|--|--------------------|------------------|-------------|---------------|------------|--------------|
| LOCATION | SAMPLE | | DEPTH UNIT | | | DETECTION' | | | LAB RESULT | |
| CODE P208889 | SEP1689BR1618 | START, | | ACETONE | CAS NO. | `∴• CIMIT : 12 | · | | OUALIFIER | QUALIFIER |
| | SEP1889BR1618 | 16 | 18 FT | ACETONE | 67-64-1 | 12 | | | U | <u>iA</u> |
| h | SEP2389BR1820 | 18 | 20 FT | ACETONE | 67-64-1 | 12 | | | J | Α |
| | SEP0389BR2022 | 20 | 22 FT | ACETONE | 67-64-1 | 12 | | | U | |
| | SEP1889BR2022 | 20 | | ACETONE | 67-64-1 | 12 | | | U | |
| | SEP1889BR2426 | 24 | | ACETONE | 67-64-1 | 12 | | | U | |
| | SEP0389BR0810 | 8 | | BENZENE | 71-43-2 | 6 | | | U | <u> </u> |
| | SEP1689BR0810 SEP1889BR0810 | 8 | | BENZENE BENZENE | 71-43-2 | 5 | | | U | V |
| | SEP2389BR0810 | 8 | | BENZENE | 71-43-2 | 6 | | | Ü | A |
| P207589 | SEP0389BR1214 | 12 | | BENZENE | 71-43-2 | 6 | | | Ü | - |
| P208689 | SEP1689BR1214 | 12 | 14 FT | BENZENE | 71-43-2 | 6 | | | U | v |
| | SEP1889BR1214 | 12 | 14 FT | BENZENE | 71-43-2 | 6 | | | U | |
| | SEP2389BR1416 | 14 | | BENZENE | 71-43-2 | 6 | | | U | Α |
| | SEP0389BR1618 SEP1689BR1618 | 16 | | BENZENE BENZENE | 71-43-2 71-43-2 | 6 | | | U U | v - |
| | SEP1889BR1618 | 16 | | BENZENE | 71-43-2 | 6 | | | Ü | V |
| | SEP2389BR1820 | 18 | | BENZENE | 71-43-2 | 6 | | | | A |
| P207589 | SEP0389BR2022 | 20 | 22 FT | BENZENE | 71-43-2 | 6 | | | Ū | |
| | SEP1889BR2022 | 20 | | BENZENE | 71-43-2 | 6 | 6 | ug/g | U | |
| | SEP1889BR2426 | 24 | | | 71-43-2 | 6 | | - | U | |
| | SEP0389BR0810 | 8 | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 6 | | | U | |
| | SEP1689BR0810 SEP1889BR0810 | 8 | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 6 5 | | | บ | V |
| | SEP2389BR0810 | 8 | | BROMODICHLOROMETHANE | 75-27-4 | - 6 | | | | A |
| | SEP0389BR1214 | 12 | 14 FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | Ü | |
| P208889 | SEP1689BR1214 | 12 | 14 FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | | ug/g | U | ٧ |
| | SEP1889BR1214 | 12 | 14 FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | 6 | | U | |
| | SEP2389BR1416 | 14 | 14 FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | | A |
| | SEP0389BR1618 SEP1689BR1618 | 16 16 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | U | |
| | SEP1889BR1618 | 16 | | BROMODICHLOROMETHANE BROMODICHLOROMETHANE | 75-27-4 75-27-4 | 6 6 | | | U U | V |
| | SEP2389BR1820 | 18 | | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | | A |
| | SEP0389BR2022 | 20 | | | 75-27-4 | 6 | | | Ū | |
| | SEP1889BR2022 | 20 | 22 FT | BROMODICHLOROMETHANE | 75-27-4 | 6 | | | U | |
| | SEP1889BR2426 | 24 | | | 75-27-4 |) 6 | 6 | | U | |
| | SEP0389BR0810 | 8 | | | 75-25-2 | 6 | | | U | |
| | SEP1689BR0810 SEP1889BR0810 | 8 | | | 75-25-2 75-25-2 | 6) | | | U U | V |
| | SEP2389BR0810 | 8 | | | 75-25-2 | 6 | | | | A |
| | SEP0389BR1214 | 12 | | | 75-25-2 | 6 | | | Ü | ^ |
| P208889 | SEP1689BR1214 | 12 | 14 FT | BROMOFORM | 75-25-2 | 6 | | | | V |
| | SEP1889BR1214 | 12 | | | 75-25-2 | 6 | 6 | ug/g | U | |
| | SEP2389BR1416 | 14 | | BROMOFORM | 75-25-2 | . 6 | | - | | Α |
| | SEP0389BR1618 SEP1689BR1618 | 16 16 | | | 75-25-2 75-25-2 | 6 | | | U | |
| _ | SEP1889BR1618 | 16 | | | 75-25-2 | 6 | | | U | V |
| | SEP2389BR1820 | 18 | | | 75-25-2 | 6 | | | | A |
| P207689 | SEP0389BR2022 | 20 | | | 75-25-2 | 6 | | | Ü | |
| | SEP1889BR2022 | 20 | | | 75-25-2 | 6 | 6 | ug/g | U | |
| | SEP1889BR2426 | 24 | | | 75-25-2 | 6 | | | Ŭ | |
| | SEP0389BR0810 SEP1689BR0810 | 8 | | BROMOMETHANE BROMOMETHANE | 74-83-9 74-83-9 | 12 | | | U | × |
| | SEP1889BR0810 | 8 | | | 74-83-9 74-83-9 | 12 | | | U | <u>v</u> |
| | SEP2389BR0810 | 8 | | | 74-83-9 | 11 | | | | A |
| P207589 | SEP0389BR1214 | 12 | | | 74-83-9 | 13 | | | Ü | <u></u> |
| | SEP1689BR1214 | 12 | | | 74-83-9 | 12 | | | | V |
| | SEP1889BR1214 | 12 | | | 74-83-9 | 12 | | | U | |
| | SEP2389BR1416 SEP0389BR1618 | 14 | | | 74-83-9 | 12 | | | | Α |
| | SEP1689BR1618 | 16 | | | 74-83-9 74-83-9 | 12 12 | | | U I | v |
| | SEP1889BR1618 | 16 | | | 74-83-9 | 12 | | | U | <u> </u> |
| | SEP2389BR1820 | 18 | | | 74-83-9 | 12 | | | | A |
| | SEP0389BR2022 | 20 | | BROMOMETHANE | 74-83-9 | 12 | | ug/g | U | |
| | SEP1889BR2022 | 20 | | | 74-83-9 | 12 | | | Ü | |
| | SEP1889BR2426 SEP0389BR0810 | 24 | | | 74-83-9 | 12 | | | U | |
| | SEP1689BR0810 | 8 | | | 75-15-0 75-15-0 | 6 | | | U | v |
| | SEP1889BR0810 | 8 | | | 75-15-0 75-15-0 | 5 | | | U | <u>v</u> |
| | SEP2389BR0810 | 8 | | | 75-15-0 | 6 | | | | A |
| P207589 | SEP0389BR1214 | 12 | 14 FT | | 75-15-0 | 6 | | | Ü | |
| | SEP1689BR1214 | 12 | | | 75-15-0 | 6 | 6 | ug/g | U | V |
| | SEP1889BR1214 | 12 | | | 75-15-0 | 6 | | | U | |
| | SEP2389BR1416 | 14 | | | 75-15-0 | 6 | | | | A |
| | SEP0389BR1618 SEP1689BR1618 | 16 | | | 75-15-0 75-15-0 | 6 | | | U | · |
| - 400003 | 3EF 10030K1018 | 16 | 10 11 | CARBON DISULFIDE | 75-15-0 | 6 | 6 | ug/g | U | V |



| Table A 22 C | nlar Evanomian D | ands AC | C . Anal- | tical Da | cults for Subsurface Sail Samples C | rester than | 6 Eggt with I | outer Hair | | | |
|--------------------|----------------------------------|----------|-----------|----------|--|----------------------|---------------|------------|--------------|---|---|
| LOCATION | SAMPLE | | DEPTH | | sults for Subsurface Soil Samples G | reater than | DETECTION | | s 🏕 🔏 | LAB RESULT | VALIDATION |
| CODE | NUMBER | START | END | CODE | Analyte | CAS NO | LIMIT (2) | | | QUALIFIER | |
| | SEP1889BR1618 | 16 | | FT | CARBON DISULFIDE | 75-15-0 | 6 | | | U | |
| | SEP2389BR1820 | 18 | | F | | 75-15-0 | 6 | | | U | Α |
| | SEP0389BR2022 SEP1889BR2022 | 20 | | FT FT | | 75-15-0 75-15-0 | 6 | | | U U | |
| | SEP1889BR2426 | 24 | | FT | | 75-15-0 | 6 | | | U | |
| | SEP0389BR0810 | . 8 | | | | 56-23-5 | 6 | | | Ü | |
| P208889 | SEP1689BR0810 | 8 | 10 | FT | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | U | V |
| P209089 | SEP1889BR0810 | 8 | | | | 56-23-5 | 5 | | | U | |
| P209589 | SEP2389BR0810 | 8 | | | | 56-23-5 | 6 | | | U | Α |
| P207589 P208889 | SEP0389BR1214 SEP1689BR1214 | 12 12 | | | CARBON TETRACHLORIDE CARBON TETRACHLORIDE | 56-23-5 56-23-5 | 6 | | | U | v |
| P209089 | SEP1889BR1214 | 12 | | | | 56-23-5 | 6 | | | U | i |
| P209589 | SEP2389BR1416 | 14 | 14 | | | 56-23-5 | 6 | | | | Α |
| | SEP0389BR1618 | 16 | 18 | | | 56-23-5 | 6 | 6 | | U | |
| | SEP1689BR1618 | 16 | | | | 56-23-5 | 6 | | | U | V |
| | SEP1889BR1618 SEP2389BR1820 | 16 18 | 18 20 | | | 56-23-5 56-23-5 | 6 | | | U U | |
| | SEP0389BR2022 | 20 | 22 | | | 56-23-5 | 6 | | | U | Α |
| | SEP1889BR2022 | 20 | 22 | | ~~ | 56-23-5 | 6 | | | ŭ | <u> </u> |
| | SEP1889BR2426 | 24 | 26 | FT | CARBON TETRACHLORIDE | 56-23-5 | 6 | | | Ū | |
| | SEP0389BR0810 | 8 | 10 | | | 108-90-7 | 6 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | | 108-90-7 | 6 | | | - | ٧ |
| | SEP1889BR0810 SEP2389BR0810 | 8 | 10 | | | 108-90-7 108-90-7 | 5 | | | <u>U</u> | A |
| | SEP0389BR1214 | 12 | 14 | | CHLOROBENZENE | 108-90-7 | 6 | | | U | A |
| | SEP1689BR1214 | 12 | 14 | | | 108-90-7 | 6 | | | | v |
| | SEP1889BR1214 | 12 | 14 | | | 108-90-7 | 6 | | ug/g | U | |
| | SEP2389BR1416 | 14 | 14 | | | 108-90-7 | 6 | | | | Α |
| | SEP0389BR1618 SEP1689BR1618 | 16 16 | 18 18 | | | 108-90-7 108-90-7 | 6 | | -9-0 | U | |
| | SEP1889BR1618 | 16 | 18 | | | 108-90-7 | 6 | | | Ü | V |
| | SEP2389BR1820 | 18 | 20 | | | 108-90-7 | 6 | | | | Α |
| P207589 | SEP0389BR2022 | 20 | 22 | | | 108-90-7 | 6 | | | Ū | |
| | SEP1889BR2022 | 20 | 22 | | | 108-90-7 | 6 | | 9.0 | Ü | |
| | SEP1889BR2426 | 24 | 26 | | | 108-90-7 | 6 | | | U | |
| | SEP0389BR0810 SEP1689BR0810 | 8 | 10 | | | 75-00-3 75-00-3 | 12 12 | | | U U | V . |
| | SEP1889BR0810 | 8 | | | | 75-00-3 | 10 | | | U | <u> </u> |
| | SEP2389BR0810 | 8 | 10 | | | 75-00-3 | 11 | | -00 | | Α |
| | SEP0389BR1214 | 12 | 14 | FT | CHLOROETHANE | 75-00-3 | 13 | | | Ū | |
| | SEP1689BR1214 | 12 | 14 | | | 75-00-3 | 12 | | | | V |
| | SEP1889BR1214 SEP2389BR1416 | 12 14 | 14 | | | 75-00-3 | 12 | | | U | |
| | SEP0389BR1618 | 16 | 18 | | | 75-00-3 75-00-3 | 12 | | | U U | Α |
| | SEP1689BR1618 | 16 | 18 | | | 75-00-3 | 12 | | | | v |
| P209089 | SEP1889BR1618 | 16 | 18 | FT | CHLOROETHANE | 75-00-3 | 12 | | | Ū | · |
| | SEP2389BR1820 | 18 | 20 | | | 75-00-3 | 12 | | | | A |
| | SEP0389BR2022 | 20 | 22 | | | 75-00-3 | 12 | | | U | |
| | SEP1889BR2022 SEP1889BR2426 | 20 | 22 26 | | | 75-00-3 75-00-3 | 12 | | | U | . ` |
| | SEP0389BR0810 | 8 | 10 | | | 67-66-3 | 12 | | | U I | |
| P208889 | SEP1689BR0810 | 8 | 10 | | | 67-66-3 | 6 | | | | <u>v </u> |
| | SEP1889BR0810 | 8 | | | CHLOROFORM | 67-66-3 | | 5 | ug/g | U | |
| | SEP2389BR0810 | 8 | 10 | | | 67-66-3 | 6 | | | | A |
| | SEP0389BR1214 SEP1689BR1214 | 12 | 14 | | | 67-66-3 | 6 | | | U | ,, |
| | SEP1889BR1214 | 12 | 14 | | | 67-66-3 67-66-3 | 6 | | | U . | V |
| | SEP2389BR1416 | 14 | 14 | | | 67-66-3 | 6 | | | | Ā |
| P207589 | SEP0389BR1618 | 16 | 18 | FT | CHLOROFORM | 67-66-3 | 6 | | | U | · |
| | SEP1689BR1618 | 16 | 18 | | | 67-66-3 | 6 | 6 | ug/g | U | V |
| | SEP1889BR1618 | 16 | 18 | | | 67-66-3 | 6 | | | U | |
| | SEP2389BR1820 SEP0389BR2022 | 18 | 20 | | | 67-66-3 67-66-3 | 6 | | | | A |
| | SEP1889BR2022 | 20 | 22 | | | 67-66-3 | 6 | | | U I | |
| P209089 | SEP1889BR2426 | 24 | 26 | | | 67-66-3 | 6 | | | U | |
| P207589 | SEP0389BR0810 | 8 | 10 | FT | CHLOROMETHANE | 74-87-3 | 12 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | | 74-87-3 | 12 | 12 | ug/g l | | V |
| | SEP1889BR0810 | 8 | | | | 74-87-3 | 10 | | ug/g (| | |
| | SEP2389BR0810 SEP0389BR1214 | 12 | 10 | | | 74-87-3 74-87-3 | 11 | 11 | | | Α |
| | SEP1689BR1214 | 12 | 14 | | | 74-87-3 74-87-3 | 13 12 | 13 | | <u>ل</u> ر | ~ |
| | SEP1889BR1214 | 12 | 14 | | | 74-87-3 | 12 | | | <u>, </u> | <u> </u> |
| | SEP2389BR1416 | 14 | 14 | | | 74-87-3 | 12 | 12 | ug/g (| | Α |
| | SEP0389BR1618 | 16 | 18 | FT | CHLOROMETHANE | 74-87-3 | 12 | 12 | ug/g l | | |
| | SEP1689BR1618 | 16 | 18 | | | 74-87-3 | 12 | 12 | ug/g (| | V |
| P209089 | SEP1889BR1618 | 16 | 18 | FT (| CHLOROMETHANE | 74-87-3 | 12 | 12 | ug/g (l | J | |

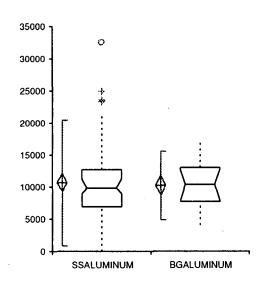


| Table: A 23 Se | olar Evanoration P | onds AO | C - Analytical Re | sults for Subsurface Soil Samples (| Smater than | 6 Foot with Irro | oular Unite | | |
|-------------------|----------------------------------|----------|-------------------|---|----------------------|------------------|---------------------------|--------------|---------------------------------------|
| LOCATION | SAMPLE | | DEPTH UNIT | | Teater than | DETECTION | guiai Oillis | LAB RESULT | VALIDATION |
| CODE | NUMBER * | START | END CODE | | CAS NO | | RESULT UNITS | | QUALIFIER |
| | SEP2389BR1820 | 18 | | CHLOROMETHANE | 74-87-3 | 12 | | Ü | Α |
| | SEP0389BR2022 SEP1889BR2022 | 20 | 22 FT 22 FT | CHLOROMETHANE | 74-87-3 74-87-3 | 12 12 | 12 ug/g 12 ug/g | U | |
| | SEP1889BR2426 | 24 | 26 FT | CHLOROMETHANE | 74-87-3 | 12 | 12 ug/g | Ü | |
| | SEP0389BR0810 | 8 | 10 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | 6 ug/g | U | |
| | SEP1689BR0810 | 8 | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | U | V |
| | SEP1889BR0810 | 8 | | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 5 | | U | |
| | SEP2389BR0810 SEP0389BR1214 | 12 | 10 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | U | Α |
| | SEP1689BR1214 | 12 | 14 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | U | V |
| | SEP1889BR1214 | 12 | 14 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | Ü | |
| | SEP2389BR1416 | 14 | 14 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | Ü | Α |
| | SEP0389BR1618 | 16 | 18 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | Ü | |
| | SEP1689BR1618 | 16 | 18 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | Ü | V |
| | SEP1889BR1618 SEP2389BR1820 | 16 18 | 18 FT 20 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | U U | <u> </u> |
| | SEP0389BR2022 | 20 | 22 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | Ü | IA |
| | SEP1889BR2022 | 20 | 22 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | <u>U</u> | · · · · · · · · · · · · · · · · · · · |
| P209089 | SEP1889BR2426 | 24 | 26 FT | CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 6 | | Ū | |
| | SEP0389BR0810 | 8 | 10 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | U | |
| | SEP1689BR0810 | 8 | 10 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | U | V |
| , | SEP1889BR0810 | 8 | 9 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 5 | | U | |
| | SEP2389BR0810 SEP0389BR1214 | 12 | 10 FT 14 FT | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 | | U U | <u> A</u> |
| | SEP1689BR1214 | 12 | 14 FT | DIBROMOCHLOROMETHANE | 124-48-1 | , 6 | | U U | v |
| \longrightarrow | SEP1889BR1214 | 12 | 14 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | <u>ບ</u> | |
| P209589 | SEP2389BR1416 | 14 | 14 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | U | Α |
| | SEP0389BR1618 | 16 | 18 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | 6 ug/g | U | |
| | SEP1689BR1618 | 16 | 18 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | U | IV |
| | SEP1889BR1618 SEP2389BR1820 | 16 | 18 FT 20 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | Ü | |
| | SEP0389BR2022 | 20 | 20 FT | DIBROMOCHLOROMETHANE DIBROMOCHLOROMETHANE | 124-48-1 124-48-1 | 6 | | U | A |
| | SEP1889BR2022 | 20 | 22 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | Ü | <u> </u> |
| | SEP1889BR2426 | 24 | 26 FT | DIBROMOCHLOROMETHANE | 124-48-1 | 6 | | Ū. | |
| | SEP0389BR0810 | 8 | 10 FT | ETHYLBENZENE | 100-41-4 | 6 | 6 ug/g | Ū | |
| | SEP1689BR0810 | 8 | 10 FT | ETHYLBENZENE | 100-41-4 | 6 | | | V |
| | SEP1889BR0810 | 8 | 9 FT | ETHYLBENZENE | 100-41-4 | 5 | | U | |
| | SEP2389BR0810 SEP0389BR1214 | 12 | 10 FT 14 FT | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | 6 | | | Α |
| | SEP1689BR1214 | 12 | 14 FT | ETHYLBENZENE | 100-41-4 | 6 | | <u>C</u> | V |
| | SEP1889BR1214 | 12 | 14 FT | ETHYLBENZENE | 100-41-4 | 6 | | Ü | V |
| P209589 | SEP2389BR1416 | 14 | 14 FT | ETHYLBENZENE | 100-41-4 | 6 | | | A |
| | SEP0389BR1618 | 16 | 18 FT | ETHYLBENZENE | 100-41-4 | 6 | | U | |
| | SEP1689BR1618 | 16 | 18 FT | ETHYLBENZENE | 100-41-4 | 6 | | | ٧ |
| | SEP1889BR1618 SEP2389BR1820 | 16 | 18 FT 20 FT | ETHYLBENZENE ETHYLBENZENE | 100-41-4 | 6 | | U | |
| | SEP0389BR2022 | 20 | 20 FT | ETHYLBENZENE | 100-41-4 | 6 | | U | A |
| | SEP1889BR2022 | 20 | 22 FT | ETHYLBENZENE | 100-41-4 | 6 | | Ü | |
| | SEP1889BR2426 | 24 | 26 FT | ETHYLBENZENE | 100-41-4 | 6 | | Ŭ | |
| | SEP0389BR0810 | 8 | 10 FT | METHYLENE CHLORIDE | 75-09-2 | 6 | 6 ug/g | В | |
| | SEP1689BR0810 | 8 | 10 FT | | 75-09-2 | 6 | 2 ug/g . | | A |
| | SEP1889BR0810 | 8 | | METHYLENE CHLORIDE | 75-09-2 | 5 | 1 ug/g . | | |
| | SEP2389BR0810 SEP0389BR1214 | 12 | 10 FT 14 FT | METHYLENE CHLORIDE METHYLENE CHLORIDE | 75-09-2 75-09-2 | 6 | | B B | A |
| | SEP1689BR1214 | 12 | 14 FT | METHYLENE CHLORIDE | 75-09-2 | 6 | 6 ug/g 1 2 ug/g | | A |
| | SEP1889BR1214 | 12 | 14 FT | METHYLENE CHLORIDE | 75-09-2 | 6 | 10 ug/g | | |
| | SEP2389BR1416 | 14 | 14 FT | METHYLENE CHLORIDE | 75-09-2 | 6 | | В | A |
| | SEP0389BR1618 | 16 | 18 FT | | 75-09-2 | 6 | 6 ug/g | В | |
| | SEP1689BR1618 | 16 | 18 FT | | 75-09-2 | 6 | | j | A |
| | SEP1889BR1618 SEP2389BR1820 | 16 | 18 FT 20 FT | | 75-09-2 | 6 | 17 ug/g | | A |
| | SEP2389BR1820 SEP0389BR2022 | 20 | | | 75-09-2 75-09-2 | 6 | 12 ug/g 1 6 ug/g 1 | | Α |
| | SEP1889BR2022 | 20 | | | 75-09-2 | 6 | 6 ug/g l | - | |
| P209089 | SEP1889BR2426 | 24 | | | 75-09-2 | 6 | 5 ug/g | , | |
| | SEP0389BR0810 | 8 | 10 FT | STYRENE | 100-42-5 | 6 | 6 ug/g | J | |
| | SEP1689BR0810 | 8 | | STYRENE | 100-42-5 | 6 | | | V |
| | SEP1889BR0810 | 8 | | STYRENE | 100-42-5 | 5 | | J | |
| | SEP2389BR0810 SEP0389BR1214 | 12 | | STYRENE STYRENE | 100-42-5 | 6 | | | Α |
| | SEP1689BR1214 | 12 | | STYRENE | 100-42-5 | 6 | | J | |
| | SEP1889BR1214 | 12 | | STYRENE | 100-42-5 | 6 | | , l | · * |
| P209589 | SEP2389BR1416 | 14 | | STYRENE | 100-42-5 | 6 | | | Α |
| | SEP0389BR1618 | 16 | 18 FT | STYRENE | 100-42-5 | 6 | 6 ug/g | | |
| | SEP1689BR1618 | 16 | 18 FT | | 100-42-5 | 6 | 6 ug/g l | | V |
| | SEP1889BR1618 | 16 | | | 100-42-5 | 6 | | | |
| - F09309 | SEP2389BR1820 | 18 | 20 FT | STYRENE | 100-42-5 | 6 | 6 ug/g l | J | A |

| Table A.23 So | olar Evaporation P | onds AO | C - Analy | tical Re | sults for Subsurface Soil Samples G | reater than | 6 Feet with Irre | gular Unit | 15 | | |
|---------------|--------------------------------|---------|-----------|----------------|--|--------------------|------------------|------------|-------------|---------------|----------------|
| LOCATION | | DEPTH | DEPTH | ∉UNIT ⊕ | THE REPORT OF A PARTY OF A STATE OF | ATAM . | DETECTION | | 19 40 | LAB RESULT | VALIDATION |
| ೌη GODE 🦠 | NUMBER * | START | | | | CAS NO | LIMIT § ^ | RESULT | UNITS | QUALIFIER | QUALIFIER |
| | SEP0389BR2022 | | | | | 100-42-5 | . 6 | 6 | | U | |
| | SEP1889BR2022 | 20 | | | STYRENE | 100-42-5 | 6 | | | U | |
| | SEP1889BR2426 SEP0389BR0810 | 24 | | | STYRENE | 100-42-5 | 6 | | | U | |
| | SEP1689BR0810 | 8 | | | TCE | 79-01-6 79-01-6 | 6 | | | U U | v |
| | SEP1889BR0810 | 8 | | | TCE | 79-01-6 | 5 | | | Ü | 1 |
| | SEP2389BR0810 | 8 | | | | 79-01-6 | 6 | | | | IA. |
| | SEP0389BR1214 | 12 | | | TCE | 79-01-6 | 6 | | | U | |
| | SEP1689BR1214 | 12 | | | TCE | 79-01-6 | 6 | | | Ü | iv |
| | SEP1889BR1214 | 12 | | | TCE | 79-01-6 | 6 | | | Ü | |
| P209589 | SEP2389BR1416 | 14 | 14 | | TCE | 79-01-6 | 6 | | | | Α |
| P207589 | SEP0389BR1618 | 16 | 18 | FT | TCE | 79-01-6 | 6. | 6 | ug/g | U | 1 |
| P208889 | SEP1689BR1618 | 16 | 18 | FT | TCE | 79-01-6 | 6. | 6 | ug/g | U | V |
| | SEP1889BR1618 | 16 | 18 | | TCE | 79-01-6 | 6 | 6 | ug/g | U | |
| | SEP2389BR1820 | 18 | | | TCE | 79-01-6 | 6 | 6 | | U | A |
| | SEP0389BR2022 | 20 | | | TCE | 79-01-6 | 6. | | | U | |
| | SEP1889BR2022 | 20 | | | TCE | 79-01-6 | 6 | | | U | |
| | SEP1889BR2426 | 24 | | | TCE | 79-01-6 | 6 | | | U | |
| | SEP0389BR0810 | 8 | ; | | TETRACHLOROETHENE | 127-18-4 | 6 | | | U | <u></u> |
| | SEP1689BR0810 SEP1889BR0810 | 8 | | | TETRACHLOROETHENE TETRACHLOROETHENE | 127-18-4 | 5 | | | U | V |
| | SEP2389BR0810 | 8 | 10 | | TETRACHLOROETHENE | 127-18-4 | 6 | | | | A |
| | SEP0389BR1214 | 12 | 14 | | TETRACHLOROETHENE | 127-18-4 | 6 | | | U | |
| | SEP1689BR1214 | 12 | 14 | | TETRACHLOROETHENE | 127-18-4 | 6 | | | <u>บ</u> บ | v |
| | SEP1889BR1214 | 12 | 14 | | TETRACHLOROETHENE | 127-18-4 | 6 | | | U | - |
| | SEP2389BR1416 | 14 | 14 | | TETRACHLOROETHENE | 127-18-4 | 6 | | | | A |
| | SEP0389BR1618 | 16 | 18 | | TETRACHLOROETHENE | 127-18-4 | 6 | | 9.0 | Ü | |
| P208889 | SEP1689BR1618 | 16 | 18 | FT | TETRACHLOROETHENE | 127-18-4 | 6 | | | U | v |
| P209089 | SEP1889BR1618 | 16 | 18 | FT | TETRACHLOROETHENE | 127-18-4 | 6 | | | Ü | |
| P209589 | SEP2389BR1820 | 18 | 20 | FT | TETRACHLOROETHENE | 127-18-4 | 6 | | | U | A |
| | SEP0389BR2022 | 20 | 22 | FT | TETRACHLOROETHENE | 127-18-4 | 6 | 6 | ug/g | U | |
| | SEP1889BR2022 | 20 | 22 | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 | บg/g | U | |
| | SEP1889BR2426 | 24 | 26 | | TETRACHLOROETHENE | 127-18-4 | 6 | 6 | ug/g | U | |
| | SEP0389BR0810 | 8 | 10 | | TOLUENE | 108-88-3 | 6 | | | U | |
| | SEP1689BR0810 | 8 | 10 | | TOLUENE | 108-88-3 | 6 | | | U | V |
| | SEP1889BR0810 | 8 | 9 | | TOLUENE | 108-88-3 | 5 | | | U | |
| | SEP2389BR0810 | 8 | 10 | | TOLUENE | 108-88-3 | 6 | | | | Α |
| | SEP0389BR1214 SEP1689BR1214 | 12 | 14 | | TOLUENE TOLUENE | 108-88-3 | 6 | | | U | |
| | SEP1889BR1214 | 12 | 14 | | TOLUENE | 108-88-3 | 6 | | | U | V |
| | SEP2389BR1416 | 14 | 14 | | TOLUENE | 108-88-3 | 6 | | | U | A |
| | SEP0389BR1618 | 16 | 18 | | TOLUENE | 108-88-3 | 6 | | | U | ^ |
| | SEP1689BR1618 | 16 | 18 | | TOLUENE | 108-88-3 | 6 | | | | v |
| | SEP1889BR1618 | 16 | 18 | | TOLUENE | 108-88-3 | 6 | | | Ŭ | · |
| P209589 | SEP2389BR1820 | 18 | 20 | FT | TOLUENE | 108-88-3 | 6 | | | | A |
| P207589 | SEP0389BR2022 | 20 | 22 | FT | TOLUENE | 108-88-3 | 6 | | | Ü | |
| | SEP1889BR2022 | 20 | 22 | FT | TOLUENE | 108-88-3 | 6 | | | U | |
| | SEP1889BR2426 | 24 | 26 | FT | TOLUENE | 108-88-3 | 6 | 6 | ug/g | U | |
| | SEP0389BR0810 | 8 | 10 | | | 10061-02-6 | 6 | 6 | ug/g | U | |
| | SEP1689BR0810 | 8 | 10 | | | 10061-02-6 | 6 | | | U | V |
| | SEP1889BR0810 | 8 | 9 | | | 10061-02-6 | 5 | 5 | | U | |
| | SEP2389BR0810 | 8 | 10 | | | 10061-02-6 | 6 | 6 | ug/g | | A |
| | SEP0389BR1214 | 12 | 14 | | | 10061-02-6 | 6 | | | U | |
| | SEP1689BR1214 SEP1889BR1214 | 12 | 14 | | | 10061-02-6 | 6 | | | | V |
| | SEP1889BR1214 SEP2389BR1416 | 14 | 14 | | | 10061-02-6 | 6 | | | U | |
| | SEP0389BR1618 | 16 | 18 | | | 10061-02-6 | 6 | | | U U | A |
| | SEP1689BR1618 | 16 | 18 | | | 10061-02-6 | 6 | | | | v |
| | SEP1889BR1618 | 16 | 18 | | | 10061-02-6 | 6 | | | U | <u>v</u> |
| | SEP2389BR1820 | 18 | 20 | | | 10061-02-6 | 6 | | | | A |
| | SEP0389BR2022 | 20 | 22 | | | 10061-02-6 | 6 | | | U | |
| | SEP1889BR2022 | 20 | 22 | | | 10061-02-6 | 6 | | | Ü | |
| | SEP1889BR2426 | 24 | 26 | | | 10061-02-6 | 6 | | | U | |
| | SEP0389BR0810 | 8 | 10 | | | 108-05-4 | 12 | | | Ū | |
| | SEP1689BR0810 | 8 | 10 | FT I | | 108-05-4 | 12 | | | | v |
| | SEP1889BR0810 | 8 | 9 | | VINYL ACETATE | 108-05-4 | 10 | | | Ü | |
| | SEP2389BR0810 | 8 | 10 | | | 108-05-4 | 11 | | | U | A |
| | SEP0389BR1214 | 12 | 14 | | | 108-05-4 | 13 | 13 | ug/g | U | |
| | SEP1689BR1214 | 12 | 14 | | | 108-05-4 | 12 | | | | V |
| | SEP1889BR1214 | 12 | 14 1 | | | 108-05-4 | 12 | | | U _ | |
| | SEP2389BR1416 | 14 | 14 | | | 108-05-4 | 12 | | | | A |
| | SEP0389BR1618 | 16 | 18 | | | 108-05-4 | 12 | | | U _ | |
| | SEP1689BR1618 | 16 | 18 | | | 108-05-4 | 12 | | | | V |
| | SEP1889BR1618 | 16 | 18 | | | 108-05-4 | 12 | | | J | |
| | SEP2389BR1820 | 18 | 20 | | | 108-05-4 | 12 | | | | Α |
| CULTONIA 15 | SEP0389BR2022 | 20 | 22 | - I \ | VINYL ACETATE | 108-05-4 | 12 | 12 | ug/g | J | |

| LOCATION | SAMPLE | DEPTH | DEPTH | UNIT | | 32. | DETECTION | | 0 ≥ | LAB RESULT | VALIDATION |
|----------|---------------|-------|-------|------|-----------------|-----------|-----------|--------|------------|------------|------------|
| CODE | NUMBER | START | | | Analyte | CAS NO | LIMIT. | RESULT | UNITS | QUALIFIER | QUALIFIER |
| P209089 | SEP1889BR2022 | 20 | 22 | FT | VINYL ACETATE | 108-05-4 | 12 | 12 | ug/g | U | |
| P209089 | SEP1889BR2426 | 24 | 26 | FT | VINYL ACETATE | 108-05-4 | 12 | 12 | ug/g | U | |
| P207589 | SEP0389BR0810 | 8 | 10 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | |
| P208889 | SEP1689BR0810 | 8 | 10 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | V |
| P209089 | SEP1889BR0810 | 8 | 9 | FT | VINYL CHLORIDE | 75-01-4 | 10 | 10 | ug/g | U | |
| P209589 | SEP2389BR0810 | 8 | 10 | FT . | VINYL CHLORIDE | 75-01-4 | 11 | 11 | ug/g | U | Α |
| P207589 | SEP0389BR1214 | 12 | 14 | | VINYL CHLORIDE | 75-01-4 | 13 | 13 | ug/g | U | |
| P208889 | SEP1689BR1214 | 12 | 14 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | IV |
| P209089 | SEP1889BR1214 | 12 | 14 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | i |
| P209589 | SEP2389BR1416 | 14 | 14 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | Α |
| P207589 | SEP0389BR1618 | 16 | 18 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | |
| P208889 | SEP1689BR1618 | 16 | 18 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | V |
| P209089 | SEP1889BR1618 | 16 | 18 | F | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | |
| P209589 | SEP2389BR1820 | 18 | 20 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | Ü | Α |
| P207589 | SEP0389BR2022 | 20 | 22 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | |
| P209089 | SEP1889BR2022 | 20 | 22 | FT | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | U | |
| P209089 | SEP1889BR2426 | 24 | 26 | FĪ | VINYL CHLORIDE | 75-01-4 | 12 | 12 | ug/g | Ú | |
| P207589 | SEP0389BR0810 | 8 | 10 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P208889 | SEP1689BR0810 | 8 | 10 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | V |
| P209089 | SEP1889BR0810 | 8 | 9 | FT | XYLENES (TOTAL) | 1330-20-7 | 5 | 5 | ug/g | U | |
| P209589 | SEP2389BR0810 | 8 | 10 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | Α |
| P207589 | SEP0389BR1214 | 12 | 14 | FT : | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P208889 | SEP1689BR1214 | 12 | 14 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | Ü | V |
| P209089 | SEP1889BR1214 | 12 | 14 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P209589* | SEP2389BR1416 | 14 | 14 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | υ | Α |
| P207589 | SEP0389BR1618 | 16 | 18 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P208889 | SEP1689BR1618 | 16 | 18 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | Ü | V |
| P209089 | SEP1889BR1618 | 16 | 18 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P209589 | SEP2389BR1820 | 18 | 20 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | Α |
| P207589 | SEP0389BR2022 | 20 | 22 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | 6 | ug/g | U | |
| P209089 | SEP1889BR2022 | 20 | 22 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | | | U | |
| P209089 | SEP1889BR2426 | 24 | 26 | FT | XYLENES (TOTAL) | 1330-20-7 | 6 | | | U | |

Table A.24 Comparative Descriptives
Surface Soil Background Campanson
Location: SSALUMINUM, BGALUMINUM



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | · IQR | 95% Cl of Median |
|------------|----|-----------|-----------|----------|----------------------|-----------|----------|----------------------|
| SSALUMINUM | 73 | 10666.239 | 5960.3907 | 697.6110 | 9275.577 to 12056.90 | 9830.000 | 5820.000 | 8910.000 to 11200.00 |
| BGALUMINUM | 20 | 10202.500 | 3256.0614 | 728.0775 | 8678.617 to 11726.38 | 10350.000 | 5320.000 | 7770,000 to 12700.00 |



Table A.25 Mann-Whitney Test

Surface Soil Background Camparison
Location: SSALUMINUM ≥ BGALUMINUM

Date

10 December 2002

9

| Location | n | Rank sum | Mean rank | U |
|------------|----|----------|-----------|-------|
| SSALUMINUM | 73 | 3420.0 | 46.85 | 741.0 |
| BGALUMINUM | 20 | 951.0 | 47.55 | 719.0 |

Difference between medians

-105.000 ·

95.0% CI

-1890.000 to +∞

(normal approximation)

Mann-Whitney U statistic

741

1-tailed p

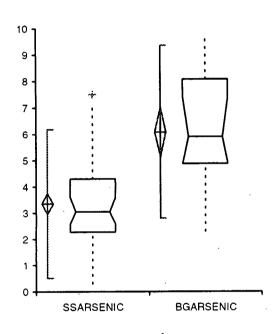
0.5410 (normal approximation, corrected for ties)



Table A.26 Comparative Descriptives
Surface Soil Background Camparison
Location: SSARSENIC, BGARSENIC

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|-----------|----|-------|--------|--------|----------------|--------|-------|------------------|
| SSARSENIC | 72 | 3.353 | 1.7280 | 0.2036 | 2.947 to 3.759 | 3.050 | 2.025 | 2.600 to 3.600 |
| BGARSENIC | 20 | 6.085 | 1.9956 | 0.4462 | 5.151 to 7.019 | 5.900 | 3.200 | 4.900 to 7.400 |

Table A.27 Mann-Whitney test

Surface Soil Background Camparison Location: SSARSENIC ≥ BGARSENIC

10 December 2002

n

| | Location | n | Rank sum | Mean rank | U |
|---|-----------|----|----------|-----------|--------|
| , | SSARSENIC | 72 | 2841.5 | 39.47 | 1226.5 |
| | BGARSENIC | 20 | 1436.5 | 71.83 | 213.5 |

92

Difference between medians

-2.700

-3.585 to +∞

(normal approximation)

Mann-Whitney U statistic 1-tailed p

1226.5

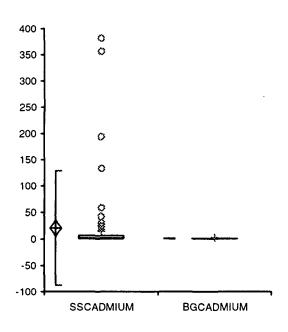
1.0000 (normal approximation, corrected for ties)





Table A.28 Comparative Descriptives
Surface Soil Background Camparison

Location: SSCADMIUM, BGCADMIUM



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|-----------|----|-------|--------|-------|----------------|--------|------|------------------|
| SSCADMIUM | 73 | 20.19 | 65.518 | 7.668 | 4.90 to 35.48 | 1.70 | 5.50 | 0.75 to 2.50 |
| BGCADMIUM | 20 | 0.71 | 0.455 | 0.102 | 0.49 to 0.92 | 0.71 | 0.53 | 0.33 to 0.84 |



Table A-29 Mann-Whitney test

Surface Soil Background Camparison Location: SSCADMIUM ≥ BGCADMIUM

10 December 2002

n

93

| Location | n | Rank sum | Mean rank | U |
|-----------|----|----------|-----------|--------|
| SSCADMIUM | 73 | 3765.5 | 51.58 | 395.5 |
| BGCADMIUM | 20 | 605.5 | 30.28 | 1064.5 |
| | | | , | |
| | | | | |
| | | | | |

Difference between medians 95.0% CI 0.96

0.31 to +∞

(normal approximation)

Mann-Whitney U statistic

395.5

1-tailed p

0.0009 (normal approximation, corrected for ties)

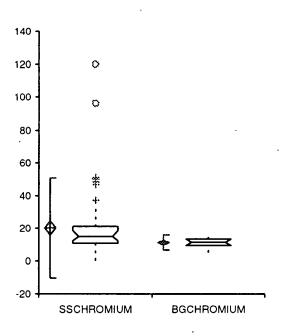




Table A.30 Comparative Descriptives
Surface Soil Background Camparison
Location: SSCHROMIUM, BGCHROMIUM

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|------------|----|-------|--------|-------|----------------|--------|-------|------------------|
| SSCHROMIUM | 73 | 20.22 | 18.632 | 2.181 | 15.87 to 24.56 | 15.00 | 10.40 | 12.40 to 18.60 |
| BGCHROMIUM | 20 | 11.24 | 2.780 | 0.622 | 9.94 to 12.54 | 11.40 | 4.08 | 9.50 to 13.30 |



Table A.31 Mann-Whitney test

Surface Soil Background Camparison Location: SSCHROMIUM ≥ BGCHROMIUM

10 December 2002

n [

93

| Location | n | Rank sum | Mean rank | U |
|-------------------------------------|----------------|----------|-----------------------|--------|
| SSCHROMIUM | 73 | 3745.0 | 51.30 | 416.0 |
| BGCHROMIUM | 20 | 626.0 | 31.30 | 1044.0 |
| Difference between medians 95.0% CI | 4.20 1.70 t | 0 +∞ | (normal approximation | n) . |

Mann-Whitney U statistic 1-tailed p

416

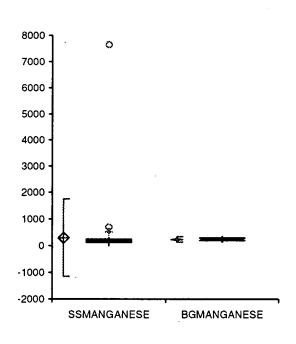
0.0017 (normal approximation, corrected for ties)





Table A.32 Comparative Descriptives
Surface Soil Background Camparison
Location: SSMANGANESE, BGMANGANESE

10 December 2002 Date



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|-------------|----|--------|---------|---------|------------------|--------|--------|------------------|
| SSMANGANESE | 73 | 296.31 | 877.934 | 102.754 | 91.47 to 501.15 | 186.00 | 113.00 | 158.00 to 221.00 |
| BGMANGANESE | 20 | 237.10 | 63.940 | 14.297 | 207.18 to 267.02 | 228.50 | 98.00 | 196.00 to 288.00 |

Table A.33 Mann-Whitney test
Surface Soil Background Camparison
Location: SSMANGANESE ≥ BGMANGANESE

Date 10 December 2002

n |

93

| Location | n ! Ran | k sum Mear | rank U | |
|--|------------------------|------------------|--------------------------|---|
| SSMANGANESE BGMANGANESE | 73 20 | 3167.0 1204.0 | 43.38 994. 60.20 466. | - |
| Difference between medians 95.0% CI | -49.00 -79.00 to +∞ | (normal : | approximation) | |

Mann-Whitney U statistic

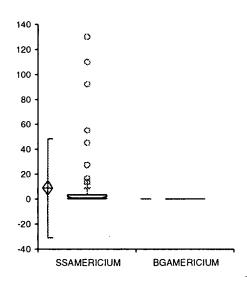
994

1-tailed p

0.9932 (normal approximation, corrected for ties)



Table A.34 Comparative Descriptives
Surface Soil Background Comparison
Location: SSAMERICIUM, BGAMERICIUM



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|-------------|----|-------|---------|--------|-----------------|--------|-------|------------------|
| SSAMERICIUM | 69 | 8.686 | 23.9947 | 2.8886 | 2.922 to 14.451 | 0.832 | 3.049 | 0.340 to 2.000 |
| BGAMERICIUM | 50 | 0.010 | 0.0057 | 0.0008 | 0.009 to 0.012 | 0.009 | 0.007 | 0.008 to 0.012 |

Table A.35 Mann-Whitney Test

Surface Soil Background Comparison
Location: SSAMERICIUM ≥ BGAMERICIUM

Date

10 December 2002

n 119

 Location
 n
 Rank sum
 Mean rank
 U

 SSAMERICIUM
 69
 5843.5
 84.69
 21.5

 BGAMERICIUM
 50
 1296.5
 25.93
 3428.5

Difference between medians

95.0% CI

0.823

0.438 to +∞

(normal approximation)

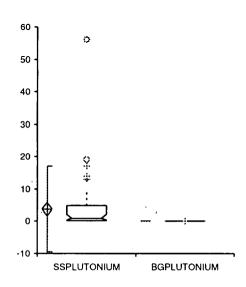
Mann-Whitney U statistic

1-tailed p

21.5

<0.0001 (normal approximation, corrected for ties)

Table A.36 Comparative Descriptives
Surface Soil Background Comparison
Location: SSPLUTONIUM, BGPLUTONIUM



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% Cl of Median |
|-------------|----|-------|--------|--------|----------------|--------|-------|------------------|
| SSPLUTONIUM | 60 | 3.758 | 8.0669 | 1.0414 | 1.674 to 5.841 | 0.821 | 4.632 | 0.337 to 2.170 |
| BGPLUTONIUM | 50 | 0.039 | 0.0152 | 0.0021 | 0.034 to 0.043 | 0.035 | 0.019 | 0.031 to 0.041 |

Table A.37 Mann-Whitney Test

Surface Soil Background Comparison
Location: SSPLUTONIUM ≥ BGPLUTONIUM

Date

10 December 2002

n 110

| | Location | n | Rank sum | Mean rank | U |
|---|-------------|----|----------|-----------|--------|
| - | SSPLUTONIUM | 60 | 4556.0 | 75.93 | 274.0 |
| | BGPLUTONIUM | 50 | 1549.0 | 30.98 | 2726.0 |

Difference between medians 95.1% CI

0.775

0.392 to +∞

(normal approximation)

Mann-Whitney U statistic

1-tailed p

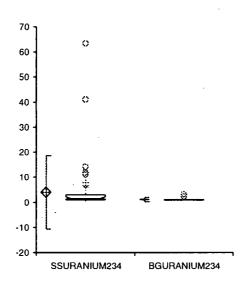
274

< 0.0001 (normal approximation, corrected for ties)

Table A.38 Comparative Descriptives
Surface Soil Background Comparison Location: SSURANIUM234, BGURANIUM234

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% Cl of Median |
|--------------|----|-------|--------|--------|----------------|--------|-------|------------------|
| SSURANIUM234 | 71 | 3.971 | 8.8719 | 1.0529 | 1.871 to 6.071 | 1.520 | 2.043 | 1.200 to 2.300 |
| BGURANIUM234 | 20 | 1.097 | 0.5781 | 0.1293 | 0.826 to 1.367 | 0.945 | 0.290 | 0.810 to 1.100 |

Table A.39 Mann-Whitney Test

Surface Soil Background Comparison Location: SSURANIUM234 ≥ BGURANIUM234

> Date 10 December 2002

n | 91

| Location | n | Rank sum | Mean rank | υ |
|--------------|----|----------|-----------|--------|
| SSURANIUM234 | 71 | 3640.0 | 51.27 | 336.0 |
| BGURANIUM234 | 20 | 546.0 | 27.30 | 1084.0 |

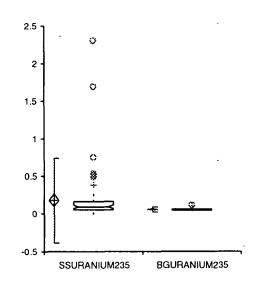
Difference between medians 0.553 95.0% CI

0.230 to +∞ (normal approximation)

Mann-Whitney U statistic 1-tailed p 336

0.0002 (normal approximation, corrected for ties)

Table A.40 Comparative Descriptives
Surface Soil Background Comparison
Location: SSURANIUM235, BGURANIUM235



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IOR | 95% CI of Median |
|--------------|----|-------|--------|--------|----------------|--------|-------|------------------|
| SSURANIUM235 | 71 | 0.177 | 0.3430 | 0.0407 | 0.096 to 0.259 | 0.086 | 0.110 | 0.065 to 0.115 |
| BGURANIUM235 | 20 | 0.054 | 0.0205 | 0.0046 | 0.044 to 0.063 | 0.048 | 0.016 | 0.042 to 0.056 |

Table A.41 Mann-Whitney Test

Surface Soil Background Comparison
Location: SSURANIUM235 ≥ BGURANIUM235

Date 10 December 2002

n | 9

| Location | n | Rank sum | Mean rank | U |
|--------------|----|----------|-----------|-------|
| SSURANIUM235 | 71 | 3554.5 | 50.06 | 421.5 |
| BGURANIUM235 | 20 | 631.5 | 31.58 | 998.5 |

 Difference between medians
 0.033

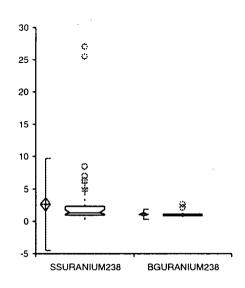
 95.0% CI
 0.014 to +∞ (normal approximation)

Mann-Whitney U statistic 421.5

1-tailed p 0.0028 (normal approximation, corrected for ties)



Table A.42 Comparative Descriptives
Surface Soil Background Comparison
Location: SSURANIUM238, BGURANIUM238



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% Cl of Median |
|--------------|----|-------|--------|--------|----------------|--------|-------|------------------|
| SSURANIUM238 | 72 | 2.620 | 4.3266 | 0.5099 | 1.603 to 3.637 | 1.300 | 1.325 | 1.135 to 1.797 |
| BGURANIUM238 | 20 | 1.090 | 0.4556 | 0.1019 | 0.876 to 1.303 | 0.950 | 0.240 | 0.870 to 1.100 |

Table A.43 Mann-Whitney Test

Surface Soil Background Comparison Location: SSURANIUM238 ≥ BGURANIUM238

Date

10 December 2002

n 92

| Location | n | Rank sum | Mean rank | U |
|--------------|----|----------|-----------|--------|
| SSURANIUM238 | 72 | 3664.0 | 50.89 | 404.0 |
| BGURANIUM238 | 20 | 614.0 | 30.70 | 1036.0 |

Difference between medians

0.329

95.0% CI

0.135 to +∞

(normal approximation)

Mann-Whitney U statistic

404

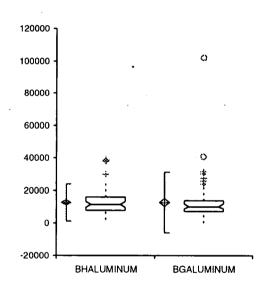
1-tailed p

0.0014 (normal approximation, corrected for ties)

Table A.53 Comparative Descriptives
Borehole Background Comparison
Location: BHALUMINUM, BGALUMINUM

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|------------|-----|-----------|------------|-----------|-----------------------|-----------|----------|----------------------|
| BHALUMINUM | 102 | 12638.824 | 6909.2964 | 684.1223 | 11281.709 to 13995.94 | 11400.000 | 8147.500 | 9670.000 to 13200.00 |
| BGALUMINUM | 98 | 12712.796 | 11334.9551 | 1145.0034 | 10440.281 to 14985.31 | 10100.000 | 6550.000 | 8910.000 to 11800.00 |

Table A.54 Mann-Whitney Tes1

Borehole Background Comparison
Location: BHALUMINUM ≥ BGALUMINUM

10 December 2002

n Į 200

| Location | n | Rank sum | Mean rank | U |
|------------|-----|----------|-----------|--------|
| BHALUMINUM | 102 | 10659.0 | 104.50 | 4590.0 |
| BGALUMINUM | 98 | 9441.0 | 96.34 | 5406.0 |

Difference between medians 95.0% CI

770.000

-500.000 to +∞

(normal approximation)

Mann-Whitney U statistic

4590

1-tailed p

0.1594 (normal approximation, corrected for ties)



Independent Samples t-test
Borehole Background Comparison
Location: BHInAl ≥ BGInAl

10 December 2002

n | 200

| Location | n | Mean | SD | SE |
|----------|-----|-------|-------|--------|
| BHInAl | 102 | 9.309 | 0.530 | 0.0525 |
| BGInAI | 98 | 9.237 | 0.671 | 0.0678 |

 Difference between means
 0.072

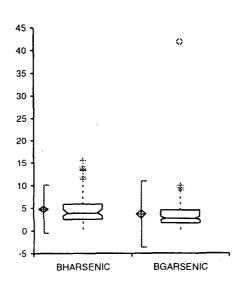
 95% CI
 -0.069 to +∞

t statistic 0.84 **1-tailed p** 0.1999

M

Table A.56 Comparative Descriptives

Borehole Background Comparison
Location: BHARSENIC, BGARSENIC



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% Cl of Median |
|-----------|-----|-------|--------|--------|----------------|--------|-------|------------------|
| BHARSENIC | 103 | 4.753 | 3.2149 | 0.3168 | 4.125 to 5.382 | 3.900 | 3.350 | 3.300 to 4.700 |
| BGARSENIC | 99 | 3.648 | 4.4213 | 0.4444 | 2.766 to 4.530 | 2.700 | 2.900 | 2.400 to 3.100 |

Table A.57 Mann-Whitney Test

Borehole Background Comparison

Location: BHARSENIC ≥ BGARSENIC

10 December 2002

n 202

| Location | n | Rank sum | Mean rank | U |
|-----------|-----|----------|-----------|--------|
| BHARSENIC | 103 | 11878.0 | 115.32 | 3675.0 |
| BGARSENIC | 99 | 8625.0 | 87.12 | 6522.0 |

Difference between medians

1.100

95.0% CI

0.600 to +∞

(normal approximation)

Mann-Whitney U statistic

3675

1-tailed p

 $0.0003 \quad \text{(normal approximation, corrected for ties)} \quad \text{,} \quad$



Independent Samples t-test
 Borehole Background Comparison
 Location: BHInAs ≥ BGInAs

10 December 2002

n 202

| Location | . n | Mean , | SD | SE |
|----------|-----|--------|-------|--------|
| BHInAs | 103 | 1.312 | 0.777 | 0.0765 |
| BGInAs | 99. | 0.974 | 0.787 | 0.0791 |

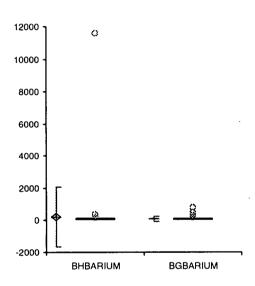
 Difference between means
 0.337

 95% CI
 0.156 to +∞

t statistic 3.07 **1-tailed p** 0.0012



Table A.59 Comparative Descriptives
Borehole Background Comparison
Location: BHBARIUM, BGBARIUM



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% CI of Median |
|----------|-----|---------|-----------|----------|--------------------|--------|--------|-------------------|
| BHBARIUM | 102 | 210.599 | 1140.4741 | 112.9238 | -13.412 to 434.609 | 84.700 | 75.575 | 73.700 to 100.000 |
| BGBARIUM | 99 | 96.119 | 96.6173 | 9.7104 | 76.849 to 115.389 | 73.100 | 63.750 | 61.200 to 86.400 |

Table A.60 Mann-Whitney Test
Borehole Background Comparison
Location: BHBARIUM ≥ BGBARIUM

analysed with: Analyse-it + General 1.63

10 December 2002

n 201

| Location | n | Rank sum | Mean rank | U |
|----------|-----|----------|-----------|--------|
| BHBARIUM | 102 | 10917.5 | 107.03 | 4433.5 |
| BGBARIUM | 99 | 9383.5 | 94.78 | 5664.5 |

Difference between medians

10.000

95.0% CI

-1.300 to +∞

(normal approximation)

Mann-Whitney U statistic

4433.5

1-tailed p

0.0677 (normal approximation, corrected for ties)

Independent Samples t-test Borehole Background Comparison Location: BHlnBa ≥ BGlnBa

4 January 1980

n | 201

| Location | n | Mean | SD | SE |
|--------------------------|--------------|-------|-------|--------|
| BHInBa | 102 | 4.445 | 0.802 | 0.0795 |
| BGInBa | 99 | 4.287 | 0.730 | 0.0734 |
| | • | | | |
| Difference between means | 0.158 | | | |
| 95% CI | -0.021 to +4 | ו | | |

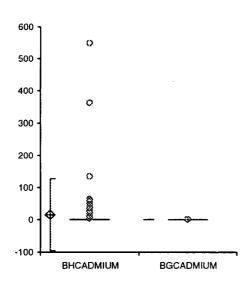
t statistic 1-tailed p 1.46 0.0732



Table A.62 Comparative Descriptives
Borehole Background Comparison
Location: BHCADMIUM, BGCADMIUM

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|-----------|----|--------|---------|--------|-----------------|--------|-------|------------------|
| BHCADMIUM | 97 | 15.590 | 67.9277 | 6.8970 | 1.900 to 29.281 | 0.550 | 0.970 | 0.550 to 0.600 |
| BGCADMIUM | 81 | 0.583 | 0.2976 | 0.0331 | 0.517 to 0.648 | 0.550 | 0.100 | 0.550 to 0.550 |

Table A.63 Mann-Whitney Test
Borehole Background Comparison
Location: BHCADMIUM ≥ BGCADMIUM

Date

10 December 2002

n l

Rank sum Mean rank Location BHCADMIUM 9322.0 96.10 3288.0 97 BGCADMIUM 81 6609.0 81.59 4569.0

178

Difference between medians

0.050

95.0% CI 0.000 to +∞ (normal approximation)

Mann-Whitney U statistic

3288

1-tailed p

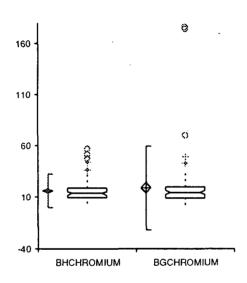
0.0284 (normal approximation, corrected for ties)



Table A.64 Comparative Descriptives

Borehole Background Comparison
Location: BHCHROMIUM, BGCHROMIUM

Date 10 December 2002



| Location | n l | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% Cl of Median |
|------------|-----|--------|---------|--------|------------------|--------|--------|------------------|
| BHCHROMIUM | 102 | 15.826 | 9.8532 | 0.9756 | 13.891 to 17.762 | 13.600 | 9.225 | 11.200 to 14.900 |
| BGCHROMIUM | 99 | 18.751 | 24.6554 | 2.4780 | 13.833 to 23.668 | 14.200 | 11.050 | 12.300 to 16.100 |

Table A.65

Mann-Whitney Test
Borehole Background Comparison
Location: BHCHROMIUM ≥ BGCHROMIUM

10 December 2002

201

| Location | n | Rank sum | Mean rank | U |
|------------|-----|----------|-----------|--------|
| BHCHROMIUM | 102 | 10235.0 | 100.34 | 5116.0 |
| BGCHROMIUM | 99 | 10066.0 | 101.68 | 4982.0 |

Difference between medians

-0.175

95.0% CI

-2.000 to +∞

(normal approximation)

Mann-Whitney U statistic

5116

1-tailed p

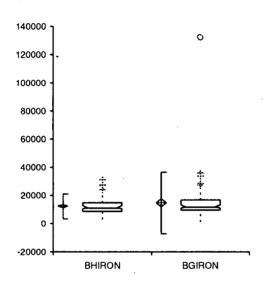
0.5645 (normal approximation, corrected for ties)



Table A.66 Comparative Descriptives
Borehole Background Comparison
Location: BHIRON, BGIRON

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% CI of Median |
|----------|-----|-----------|------------|-----------|-----------------------|-----------|----------|-----------------------|
| BHIRON | 102 | 12160.882 | 5307.7078 | 525.5414 | 11118.350 to 13203.41 | 10950.000 | 5940.000 | 10500.000 to 12700.00 |
| BGIRON | 99 | 14531.980 | 13257.2705 | 1332.4058 | 11887.864 to 17176.10 | 11600.000 | 6955.000 | 10900.000 to 13100.00 |

Mann-Whitney Test Borehole Background Comparison Location: BHIRON ≥ BGIRON

10 December 2002

n | 201

| Location | n | Rank sum | Mean rank | U |
|----------|-----|----------|-----------|--------|
| BHIRON | 102 | 9635.5 | 94.47 | 5715.5 |
| BGIRON | 99 | 10665.5 | 107.73 | 4382.5 |

Difference between medians

-1010.000

95.0% CI

-2170.000 to +∞

(normal approximation)

Mann-Whitney U statistic

5715.5

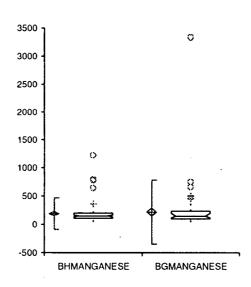
1-tailed p

0.9470 (normal approximation, corrected for ties)

Table A.68 Comparative Descriptives
Borehole Background Comparison
Location: BHMANGANESE, BGMANGANESE

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% Cl of Median |
|-------------|-----|---------|----------|---------|--------------------|---------|---------|--------------------|
| BHMANGANESE | 102 | 187.240 | 168.7973 | 16.7134 | 154.085 to 220.395 | 149.000 | 96.000 | 130.000 to 164.000 |
| BGMANGANESE | 99 | 217.640 | 341.9622 | 34.3685 | 149.437 to 285.843 | 141.000 | 131.900 | 116.400 to 195.000 |

Table A.69 Mann-Whitney Test
Borehole Background Comparison
Location: BHMANGANESE ≥ BGMANGANESE

10 December 2002

n

201

| Location | n | Rank sum | Mean rank | U |
|-------------|-----|----------|-----------|--------|
| BHMANGANESE | 102 | 10193.0 | 99.93 | 5158.0 |
| BGMANGANESE | 99 | 10108.0 | 102.10 | 4940.0 |

Difference between medians

95.0% CI

-3.000

-21.900 to +∞

(normal approximation)

Mann-Whitney U statistic 1-tailed p

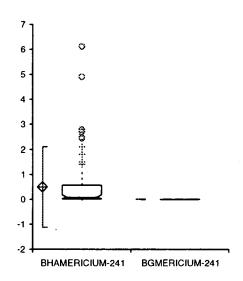
5158

0.6043 (normal approximation, corrected for ties)

Table A.70 Comparative Descriptives

Location: BHAMERICIUM-241, BGMERICIUM-241

Date 10 December 2002

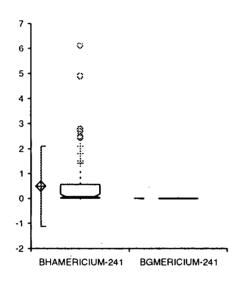


| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% Cl of Median |
|-----------------|----|--------|--------|--------|-----------------|--------|-------|------------------|
| BHAMERICIUM-241 | 95 | 0.484 | 0.9843 | 0.1010 | 0.283 to 0.684 | 0.070 | 0.551 | 0.020 to 0.170 |
| BGMERICIUM-241 | 28 | -0.002 | 0.0068 | 0.0013 | -0.004 to 0.001 | 0.000 | 0.010 | 0.000 to 0 |

Table A.70 Comparative Descriptives

Location: BHAMERICIUM-241, BGMERICIUM-241

ate 10 December 2002



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% CI of Median |
|-----------------|----|--------|--------|--------|-----------------|--------|-------|------------------|
| BHAMERICIUM-241 | 95 | 0.484 | 0.9843 | 0.1010 | 0.283 to 0.684 | 0.070 | 0.551 | 0.020 to 0.170 |
| BGMERICIUM-241 | 28 | -0.002 | 0.0068 | 0.0013 | -0.004 to 0.001 | 0.000 | 0.010 | 0.000 to 0 |

Table A.71 Mann-Whitney Test

Location: BHAMERICIUM-241 ≥ BGMERICIUM-241

Date 10 December 2002

n 123

| Location | n | Rank sum | Mean rank | U |
|-----------------|----|----------|-----------|--------|
| BHAMERICIUM-241 | 95 | 6938.0 | 73.03 | 282.0 |
| BGMERICIUM-241 | 28 | 688.0 | 24.57 | 2378.0 |

Difference between medians

0.070

95.0% CI

0.022 to +∞

(normal approximation)

Mann-Whitney U statistic

282

1-tailed p

<0.0001 (normal approximation, corrected for ties)

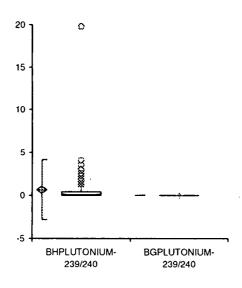


Table A.72 Comparative Descriptives

Location: BHPLUTONIUM-239/240, BGPLUTONIUM-239/240

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% CI of Median |
|---------------------|----|-------|--------|--------|----------------|--------|-------|------------------|
| BHPLUTONIUM-239/240 | 98 | 0.634 | 2.1131 | 0.2135 | 0.210 to 1.058 | 0.070 | 0.384 | 0.041 to 0.160 |
| BGPLUTONIUM-239/240 | 99 | 0.004 | 0.0073 | 0.0007 | 0.002 to 0.005 | 0.000 | 0.010 | 0.000 to 0 |

Table A.73 Mann-Whitney Test

Location: BHPLUTONIUM-239/240 ≥ BGPLUTONIUM-239/240

10 December 2002

n 197

| Location | n | Rank sum | Mean rank | U |
|---------------------|----|----------|-----------|--------|
| BHPLUTONIUM-239/240 | 98 | 12980.5 | 132.45 | 1572.5 |
| BGPLUTONIUM-239/240 | 99 | 6522.5 | 65.88 | 8129.5 |

Difference between medians

95.0% CI

0.060 0.043 to +∞

(normal approximation)

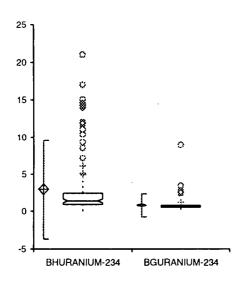
Mann-Whitney U statistic 1-tailed p

1572.5 < 0.0001 (normal approximation, corrected for ties)

Table A.74 Comparative Descriptives

Location: BHURANIUM-234, BGURANIUM-234

Date 10 December 2002



| Location | n | Mean | SD | SE | 95% CI of Mean | Median | IQR | 95% CI of Median |
|---------------|-----|-------|--------|--------|----------------|--------|-------|------------------|
| BHURANIUM-234 | 118 | 2.920 | 4.0218 | 0.3702 | 2.187 to 3.653 | 1.350 | 1.504 | 1.100 to 1.600 |
| BGURANIUM-234 | 99 | 0.779 | 0.9323 | 0.0937 | 0.593 to 0.965 | 0.600 | 0.275 | 0.550 to 0.700 |

Table A.75 Mann-Whitney Test

Location: BHURANIUM-234 ≥ BGURANIUM-234

Date 10 December 2002

n | 217

| Location | n | Rank sum | Mean rank | U |
|---------------|-----|----------|-----------|--------|
| BHURANIUM-234 | 118 | 17017.0 | 144.21 | 1686.0 |
| BGURANIUM-234 | 99 | 6636.0 | 67.03 | 9996.0 |

Difference between medians

95.0% CI

0.700

0.526 to +∞

(normal approximation)

Mann-Whitney U statistic 1-tailed p

1686

< 0.0001 (normal approximation, corrected for ties)

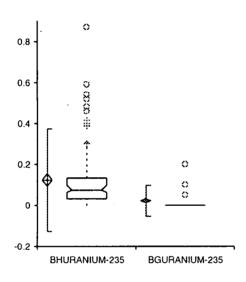


Table A.76 Comparative Descriptives

Location: BHURANIUM-235, BGURANIUM-235

Date

10 December 2002



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% Cl of Median |
|---------------|----|-------|--------|--------|----------------|--------|-------|------------------|
| BHURANIUM-235 | 99 | 0.125 | 0.1523 | 0.0153 | 0.094 to 0.155 | 0.074 | 0.104 | 0.062 to 0.097 |
| BGURANIUM-235 | 99 | 0.022 | 0.0458 | 0.0046 | 0.013 to 0.031 | 0.000 | 0.000 | 0.000 to 0 |



Table A.77 Mann-Whitney Test

Location: BHURANIUM-235 ≥ BGURANIUM-235

10 December 2002

n | 198

Rank sum | Mean rank | Location BHURANIUM-235 13076.5 132.09 1674.5 99 BGURANIUM-235 99 6624.5 66.91 8126.5

Difference between medians

0.063

95.0% CI

0.053 to +∞

(normal approximation)

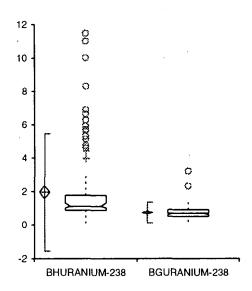
Mann-Whitney U statistic 1-tailed p 1674.5

< 0.0001 (normal approximation, corrected for ties)

Table A.78 Comparative Descriptives

Location: BHURANIUM-238, BGURANIUM-238

Date 10 December 2002



| Location | n | Mean | SD | SE | 95% Cl of Mean | Median | IQR | 95% CI of Median |
|---------------|-----|-------|--------|--------|----------------|--------|-------|------------------|
| BHURANIUM-238 | 118 | 1.948 | 2.1326 | 0.1963 | 1.559 to 2.337 | 1.102 | 0.903 | 1.000 to 1.300 |
| BGURANIUM-238 | 99 | 0.733 | 0.3759 | 0.0378 | 0.658 to 0.808 | 0.700 | 0.400 | 0.600 to 0.700 |

Table A.79 Mann-Whitney Test

Location: BHURANIUM-238 ≥ BGURANIUM-238

ate 10 December 2002

n 217

| Location | n | Rank sum | Mean rank | U |
|---------------|-----|----------|-----------|--------|
| BHURANIUM-238 | 118 | 16668.5 | 141.26 | 2034.5 |
| BGURANIUM-238 | 99 | 6984.5 | 70.55 | 9647.5 |

Mann-Whitney U statistic 2034.5 1-tailed p <0.0001 (n

1-tailed p <0.0001 (normal approximation, corrected for ties)



APPENDIX B AOC AREA AND EXPOSURE UNIT SIZE

APPENDIX B TABLES

Exposure Unit Calculations

(These tables are available on CD from Anna Martinez at (303) 966-5881.)

| Table B-1. | Development of Wildlife Re | Table B-1. Development of Wildlife Refuge Worker Exposure Units 1 | - | _ | | _ | ٠ | | |
|----------------|----------------------------|---|----------------|-------------------------------|--------------------------|--------------------------------|------------------------|----------------------------------|-----------|
| | Job category | lask | % time indoors | hours in small areas outdoors | % time in small areas | hours in medium areas outdoors | % time in medium areas | hours in large areas outdoors | % time in |
| | | | | (0-10 acres) | at specific tasks | (10-500 acres) | outdoors | (500-6000 acres) | outdoors |
| .M-A. | Maintenance Mechanic | Indoors | 9 | Č | | | | | |
| × 4-W. | Maintenance Mechanic | building equipment maintenance | | £ 4 | <u>2</u> | 0 8 | 0 (| | 0 |
| V Y-W- | Maintenance Mechanic | gravel | | > C | - | 954 25 | 3 5 | . | 0 0 |
| • W-W- | Maintenance Mechanic | irrigation | | 317 |) S | 317 | <u> </u> | > C | > c |
| -M-A ∿ | Maintenance Mechanic | φ | | 91 | 001 | 0 | 0 | 0 | 0 |
| *MY.F | Maintenance Mochanic | total | į | | | | | | |
| - Y- | Maintenance Mechanic | Indoors | ₹ | c | c | 918 | 9 | ć | c |
| -MV-F | Maintenance Mechanic | spraying | | 4.33 | 33.3 | 4.33 | 33.3 | 4 33 | 33.3 |
| *MV-F | Maintenance Mechanic | equipment maintenance | | 264 | 100 | 0 | 0 | 0 | 0 |
| •MV-F | Maintenance Mechanic | painting | | 65 | 100 | 0 | 0 | . 0 | . 0 |
| ۳-\M. | Maintenance Mechanic | swold wous | | 390 | 100 | 0 | 0 | 0 , | 0 |
| - N | Maintenance Mechanic | disking | | 0 | 0 | 20 | 100 | 0 | 0 |
| + M. | Maintenance Mechanic | post holes | | 4 (| 90, | 0 8 | 0 | 0 | 0 |
| , .W. | Maintenance Mechanic | grading dike repair | | 0 0 | > { | 33 | 90 6 | 0 (| 0 |
| -WV-F | Maintenance Mechanic | trail maintenance | | 084.5 36 | 20 | 684.5 36 | 2 2 | 0 (| 0 (|
| | | total | | 9 | OC. | 90 | 6 | 5 | 5 |
| ٠ <u>-</u> 00- | Maintenance Mechanic | Indoors | 25 | | | | | | |
| ·1-00- | Maintenance Mechanic | inspect dams/peizometers | | 9 | 20 | 09 | 20 | C | c |
| · 1-00- | Maintenance Mechanic | sewer treatment plant maintenance | | 384 | 100 | 0 | 0 | 0 | 0 |
| ·co-i | Maintenance Mechanic | carpentry/painting/repairs | | . 352 | 100 | 0 | 0 | 0 | 0 |
| ٠ <u>-</u> ٥٥. | Maintenance Mechanic | installing concrete pad | | 80 | 100 | 0 | 0 | 0 | 0 |
| <u>٠</u> -٥٠ | Maintenance Mechanic | sign posts | | 31 | 100 | 0 | 0 | 0 | 0 |
| <u>-</u> 00: | Maintenance Mechanic | control waterline breakdown | | 80 | 100 | 0 | 0 | 0 | 0 |
| •M.B. | Fna Earlin Oper | ladoore loigh | , 6 | | | | | | |
| . ¥. | E de la | drivina | 8 | c | c | 165 | 9 | c | ć |
| *M-B ^ | Equip. | fencing | | 0 | 0 | € 8 | 8 5 | > | - c |
| -M-B v | Eng. Equip. Oper. | prescribed burning | | 0 | | 2 8 | 100 | , c | |
| -M-B ^ | Equip. | building maintenance | | 280 | 100 | 0 | 0 | 0 | |
| .W-B ^ | Equip. | irrigation | | 120 | 20 | 120 | 20 | 0 | |
| -M-B > | Equip. | mowing | | 17.5 | 20 | 17.5 | 20 | 0 | 0 |
| -W-B > | Equip. | blade roads | | 0 | 0 | 140 | 100 | | |
| -W-B v | Equip. | excavate gravel | | 160 | 100 | 0 | 0 | | |
| -W-B v | Equip. | waterline maintenance | | 80 | 901 | 0 | 0 | | |
| × 9-2 | Equip. | dig irrigation ditches/repair dikes | | 0 ' | 0 | 09 | 100 | | |
| - M-W- | Eng. Equip. Oper. | aig auck ponas/aikes die road from augmi | | 0 0 | 0 0 | 240 | 100 | . 0 | 0 |
|) | <u>.</u> | total | | Þ | > | 001 | 8 | o | 0 |
| *MV-C ^ | Eng. Equip. Oper. | Indoors | 10 | | | | | | |
| Y C | Eng. Equip. Oper. | place rib-rap/dike enforcement | | 175 | 100 | 0 | 0 | 0 | 0 |
| ٠ ٢ ٢ | Eng. Equip. Oper. | prescribed burning | | 0 | 0 } | 140 | 100 | 0 | 0 |
| ٠ ١ | Erig. Equip. Oper. | repair eqpmivandalism/property maint. | _ | 329 | 100 | 0 | 0 | 0 | 0 |

| Individuat | Job category | Task | % time indoors | hours in small areas outdoors (0-10 acres) | % time in small areas at specific tasks | hours in medium areas outdoors (10-500 acres) | % time in medium areas outdoors | hours in large areas outdoors (500-6000 acres) | % time in large areas outdoors |
|------------|--|--|-------------------|--|---|---|---------------------------------|--|--------------------------------|
| *MV-C ^ | Eng. Equip. Oper. | driving | | 0 | 0 | 227 | 100 | 0 | . 0 |
| *MV-C ^ | Eng. Equip. Oper. | snow removal | | 42 | 100 | 0 | 0 | 0 | 0 |
| *MV-C ^ | Eng. Equip. Oper. | firebreaks | | 0 | 0 | 70 | 100 | 0 | 0 |
| *MV-C ^ | Eng. Equip. Oper. | grading roads | | 0 | 0 | 168 | 100 | 0 | 0 |
| *MV-C ^ | Eng. Equip. Oper. | build/repair dike/water control structures | /trails | 144 | 50 | 144 | 50 | 0 | 0 |
| *MV-C ^ | Eng. Equip. Oper. | excavate impoundments total | | 70 | 100 | 0 | 0 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | Indoors | 15 | | | | | | |
| *CO-L ^ | Eng. Equip. Oper. | driving | | 0 | 0 | 192 | 100 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | indoor carpentry/maint. | | 272 | 100 | 0 | 0 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | snow plowing | | 14 | 100 | 0 | 0 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | blading roads | | 0 | 0 | 255 | 100 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | mowing | | 35 | 50 | 35 | 50 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | ditching | | 140 | 100 | 0 | 0 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | wetlands mgmt. | | 0 | 0 | 210 | 100 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | ditches for roads | | 0 | 0 | 35 | 100 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | repair waterline breaks | | 105 | 100 | 0 | 0 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | trenching/pond installation | | 105 | 100 | 0 | 0 | 0 | 0 |
| *CO-L ^ | Eng. Equip. Oper. | install/replace sewer lines total | | 70 | 100 | 0 | 0 | 0 | 0 |
| *CO-J ^ | Tractor Operator | Indoors | 10 | | | | | | |
| *CO-J ^ | Tractor Operator | driving | 1 | 0 | 0 | 85 | 100 | 0 | 0 |
| *CO-J ^ | Tractor Operator | indoor maintenance | | 179 | 100 | 0 | 0 | 0 | 0 |
| *CO-J ^ | Tractor Operator | area cleanup | , | 45 | 100 | 0 | o l | 0 | Ō |
| *CO-J ^ | Tractor Operator | mowing | | 525 | 50 | 525 | 50 | 0 | Ö |
| *CO-J ^ | Tractor Operator | corn cutting | | 0 | 0 | 28 | 100 | 0 | Ō |
| *CO-J ^ | Tractor Operator | water line maintenance | | 85 | 100 | 0 | o | 0 | Ō |
| *CO-J ^ | Tractor Operator | repair waterline breaks total | | 152 | 100 | 0 | 0 | Ō | 0 |
| *M-F | Habitat Mngmt Specialist | Indoors | 50 | <u> </u> | | | | | |
| *M-F | Habitat Mngmt Specialist | assist biologist/survey | ~~ | 15 | 33.5 | 15 | 33.5 | 15 | 33.5 |
| *M-F | Habitat Mngmt Specialist | driving | ļ | 0 | 0 | 178 | 100 | 0 | ; 0 |
| *M-F | Habitat Mngmt Specialist | coop farming oversite | ļ · | 135 | 50 | 135 | 50 | 0 | 0 |
| *M-F | Habitat Mngmt Specialist | horseback/ATV riding | | 0 | 0 | 0 | o l | 357 | 100 |
| *M-F | Habitat Mngmt Specialist | wildlife and habitat survey | | 47.67 | 33.3 | 47.67 | 33.3 | 47.67 | 33.3 |
| ⁺M-F | Habitat Mngmt Specialist | tree planting total | | 4 | 50 | 4 | 50 | 0 | 0 |
| *MV-B | Wildlife Biologist | Indoors | 60 | | | | | | |
| ⁴MV-B | Wildlife Biologist | veg survey | | 21.33 | 33.3 | 21.33 | 33.3 | 21.33 | 33.3 |
| *MV-B | Wildlife Biologist | prescribed burning | | 0 | 0 | 80 | 100 | 0 | 0 |
| MV-B | Wildlife Biologist | wildlife surveys (species/habitats) | | 100 | 33.3 | 100 | 33.3 | 100 | 33.3 |
| *MV-B | Wildlife Biologist | benthic samples total | | 48 | 50 | 48 | 50 | 0 | 0 |
| *CO-F | Wildlife Biologist Wildlife Biologist | Indoors survey & census, mostly waterfowl | 33 | 160 | 33.3 | 160 | 33.3 | 160 | 33.3 |
| OO.L | winding Dibiopist | Survey of Cerisus, mostly wateriowi | I | 1 100 | 33.3 | 1 100 | აა.ა | 100 | 33.3 |

| Individual | Job category | Task | % time indoors | hours in small areas outdoors (0-10 acres) | % time in small areas at specific tasks | hours in medium areas outdoors (10-500 acres) | % time in medium areas outdoors | hours in large areas outdoors (500-6000 acres) | % time in large areas outdoors |
|------------|------------------------------|--|----------------|--|---|---|---------------------------------|--|--------------------------------|
| *CO-F | Wildlife Biologist | driving | | 0 | 0 | 243 | 100 | 0 | . 0 |
| *CO-F | Wildlife Biologist | seeding | | 0 | 0 | 80 | 100 | 0 | 0 |
| *CO-F | Wildlife Biologist | wetlands mgmt. | | 0 | 0 | 240 | 100 | 0 . | 0 |
| *CO-F | Wildlife Biologist | observe coop farming | | 112 | 50 | 112 | 50 | 0 | 0 |
| *CO-F | Wildlife Biologist | beaver dam/muskrat dam cleaning | | 135 | 100 | 0 | 0 | 0 | 0 |
| *CO-F | Wildlife Biologist | refuge farming | | 0 | 0 | 96 | 100 | 0 | 0 |
| *CO-F | Wildlife Biologist | tree planting | | 32 | 50 | 32 | 50 | 0 | 0 |
| *CO-F | Wildlife Biologist | fence posts total | | 21 | 100 | 0 | 0 | 0 | 0 |
| *М-Н | Wildlife Biologist Assistant | Indoors | 40 | | | | | | |
| •М-Н | Wildlife Biologist Assistant | environmental education/tours | | 40 | 100 | 0 | 0 | 0 | 0 |
| •М-Н | Wildlife Biologist Assistant | wildlife & plant surveys | | 90.67 | 33.3 | 90.67 | 33.3 | 90.67 | 33.3 |
| ⁴M-H | Wildlife Biologist Assistant | driving total | | 0 | 0 | 396 | 100 | 0 | 0 |
| *MV-A | Bio. Tech. | Indoors | 30 | | | | | | |
| *MV-A | Bio. Tech. | driving | | 0 | 0 | 266 | 100 | 0 | 0 |
| *MV-A | Bio. Tech. | burning | | 0 | 0 | 70 | 100 | 0 | 0 |
| *MV-A | Bio. Tech. | refuge maintenance | | 116.67 | 33.3 | 116.67 | 33.3 | 116.67 | 33.3 |
| *MV-A | Bio. Tech. | spraying | | 35 | 33.3 | 35 | 33.3 | 35 | 33.3 |
| *MV-A | Bio. Tech. | wetlands restoration (survey) | | l o | 0 | 12 | 100 | 0 | 0 |
| *MV-A | Bio, Tech. | benthic samples | | 48 | 50 | 48 | 50 | 0 | 0 |
| *MV-A | Bio, Tech. | wildlife surveys (species/habitats) | | 350 | 33.3 | 350 | 33.3 | 350 | 33.3 |
| *MV-A | Bio, Tech. | predator survey | | 8 | 33.3 | 8 | 33.3 | 8 | 33.3 |
| *MV-A | Bio, Tech. | firebreaks | | 0 | 0 | 8 | 100 | 0 - | 0 |
| *MV-A | Bio. Tech. | beaver dam/muskrat dam cleaning total | | 104 | 100 | 0 | 0 | 0 | 0 |
| *CO-C ^ | Bio, Tech. | Indoors | 20 | | | | | | |
| *CO-C ^ | Bio, Tech. | crop checks/observe harvest/yield calcs/ | drivina | 319.5 | 50 | 319.5 | 50 | 0 | 0 |
| *CO-C ^ | Bio. Tech. | mowing | | 56.5 | 50 | 56.5 | 50 | 0 | 0 |
| *CO-C ^ | Bio, Tech. | disking/wetlands restoration | | 0 | 0 | 451 | 100 | 0 | 0 |
| *CO-C ^ | Bio. Tech. | wetlands restoration total | | 0 | 0 | 45 | 100 | 0 | . 0 |
| *M-J ^ | Work Supervisor | Indoors | 20 | | | | | | |
| •M-J ^ | Work Supervisor | driving | | 0 | 0 | 854 | 100 | 0 | . 0 |
| *M-J ^ | Work Supervisor | surface grading | | 0 | 0 | 72 | 100 | 0 | 0 |
| *M-J ^ | Work Supervisor | trenching/fence posts/ditching/impoundn construction/dirt moving/grading total | nent/ | 107 | 50 | 107 | 50 | 0 | 0 |
| .CO-K v | Maintenance Supervisor | Indoors | 25 | | | | | | |
| *CO-K ^ | Maintenance Supervisor | driving | 2.5 | 0 | 0 | 575 | 100 | 0 | 0 |
| *CO-K ^ | Maintenance Supervisor | walking water lines | | 0 | 0 | 28 | 100 | 0 | 0 |
| *CO-K ^ | Maintenance Supervisor | mowing, brush cutting | | 70 | 50 | 70 | 50 | 0 | 0 |
| *CO-K ^ | Maintenance Supervisor | prescribed burning | | 1 % | 0 | 20 | 100 | 0 | 0 |
| *CO-K ^ | • | , , | • | | _ | | 1 | _ | = |
| *CO-K ^ | Maintenance Supervisor | snow plowing | | 10 | 100 0 | 0 | 0 | 0 | 0 |
| 7- | Maintenance Supervisor | disking | | , u | U | 20 | 100 | · · | υ |

| Individual | Job category | Task | % time indoors | hours in small areas outdoors (0-10 acres) | % time in small areas at specific tasks | hours in medium areas outdoors (10-500 acres) | % time in medium areas outdoors | hours in large areas outdoors (500-6000 acres) | % time in large areas outdoors |
|------------|--------------------------|---|-------------------|--|---|---|---------------------------------------|--|--------------------------------|
| *CO-K ^ | Maintenance Supervisor | repair waterline breaks total | | 30 | 100 | 0 | 0 | 0 | 0 |
| *M-C | Archaeologist | Indoors | 50 | | | | | | |
| *M-C | Archaeologist | survey/monitor sites | | 430 | 33.3 | 430 | 33.3 | 430 | 33.3 |
| *M-C | Archaeologist | driving | | 0 | 0 | 480 | 100 | 0 | 0 |
| *M-C | Archaeologist | observe earth moving | | 40 | 100 | 0 | 0 | 0 | 0 |
| *M-C | Archaeologist | recover artifacts | | 150 | 100 | 0 | 0 | 0 | 0 |
| *M-C | Archaeologist | soil profile cleaning total | | 80 | 100 | 0 | 0 | 0 | 0 |
| *M-K | Assistant Archaeologist | Indoors | 50 | | | | | | |
| ⁺M-K | Assistant Archaeologist | pedestrian surveys, monitoring, surveyin | g/mapping | 210 | 33.3 | 210 | 33.3 | 210 | 33.3 |
| *M-K | Assistant Archaeologist | field trips | | 13.33 | 33.3 | 13.33 | 33.3 | 13.33 | 33.3 |
| *M-K | Assistant Archaeologist | collecting surface artifacts total | | 180 | 50 | 180 | 50 | 0 | 0 |
| *CO-B | Supervisor Refuge Operat | | 40 | | | | | | |
| *CO-B | Supervisor Refuge Operat | ioı driving | | 0 | 0 | 102 | 100 | 0 | 0 |
| *CO-B | Supervisor Refuge Operat | iorprescribed burning | | 0 | 0 | 25 | 100 | 0 | 0 |
| *CO-B | Supervisor Refuge Operat | iorhabitat survey | | 67.67 | 33.3 | 67.67 | 33.3 | 67.67 | 33.3 |
| *CO-B | Supervisor Refuge Operat | io monitoring field work, property checks, w | alking | . 0 | 0 | 0 | 0 | 406 | 100 |
| *CO-B | Supervisor Refuge Operat | ioı monitoring plowed fields | | 2.5 | 50 | 2.5 | 50 | 0 | 0 |
| *CO-B | Supervisor Refuge Operat | iorfirebreaks | | 0 | 0 | 10 | 100 | 0 | 0 . |
| *CO-B | Supervisor Refuge Operat | iormonitor trenching/water line repair total | | 152 | 100 | 0 | 0 | 0 | 0 |
| *CO-E | Forester | Indoors | 50 | | | | | | |
| *CO-E | Forester | prescribed burning | | 0 | 0 . | 100 | 100 | 0 | 0 |
| *CO-E | Forester | marking timber/forest inventories | | 0 | 0 | 80 | 50 | 80 | 50 |
| *CO-E | Forester | interpretive walks | ٠ | 6 | 50 | 6 | 50 | 0 | 0 |
| *CO-E | Forester | driving | | 0 | 0 | 347 | 100 | 0 | 0 |
| *CO-E | Forester | tree planting total | | 30 | 50 | 30 | . 50 | 0 | 0 |
| *M-I | Fire Mngmt Officer | Indoors | 50 | | | | | | |
| *M-I | Fire Mngmt Officer | driving/including surveys | | 0 | 0 | 365 | 100 | 0 | . 0 |
| *M-I | Fire Mngmt Officer | observe burning | | 0 | 0 | 120 | 100 | 0 | . 0 |
| ⁺M-I | Fire Mngmt Officer | wildlife surveys | | 12 | 33.3 | 12 | 33.3 | 12 | 33.3 |
| *M-I | Fire Mngmt Officer | monitor firebreaks | | 0 | 0 | 8 | 100 | 0 | 0 |
| *M-I | Fire Mngmt Officer | monitor burns and firebreaks total | | 0 | 0 | 28 | 100 | 0 | 0 |
| M-D ^ | Refuge Manager | Indoors | 90 | | | | | | |
| M-D ^ | Refuge Manager | driving | | 0 | 0 | 50 | 100 | 0 | 0 |
| M-D ^ | Refuge Manager | observe contractors | | 49 | 100 | 0 | 0 | 0 | 0 |
| M-D ^ | Refuge Manager | observing archaelogical digs | | 3 | 100 | 0 | 0 | 0 | 0 |
| M-D ^ | Refuge Manager | observe gravel pit operations (monitor co | ontrols) | 10 | 100 | 0 | 0 | 0 | 0 |
| MV-E ^ | Refuge Manager | Indoors | 90 | · · · · · · · · · · · · · · · · · · · | | | | | |
| MV-E ^ | Refuge Manager | monitor/writing/evaluate activities | - | 124 | 100 |) 0 | o Ì | 0 | 0 |

| Individual | Job category | Task | % time indoors | hours in small areas outdoors (0-10 acres) | % time in small areas at specific tasks | hours in medium areas outdoors (10-500 acres) | % time in medium areas outdoors | hours in large areas outdoors (500-6000 acres) | % time in large areas outdoors |
|------------|--------------------------|--|----------------|--|--|---|---------------------------------|--|--------------------------------|
| MV-E ^ | Refuge Manager | driving | | 0 | 0 | 46 | 100 | 0 | . 0 |
| MV-E ^ | Refuge Manager | monitoring prescribed burning | | 0 | 0 | 90 | 100 | 0 | 0 |
| MV-E ^ | Refuge Manager | firebreaks total | - | 0 | 0 | 4 . | 100 | 0 | 0 |
| CO-G | Refuge Manager | Indoors | 60 | | | | | | |
| CO-G | Refuge Manager | driving | | 0 | 0 | 207 | 100 | 0 | 0 |
| CO-G | Refuge Manager | prescribed burns | | 0 | 0 | 40 | 100 | 0 | 0 |
| CO-G | Refuge Manager | walking/property review | - | 70.67 | 33.3 | 70.67 | 33.3 | 70.67 | 33.3 |
| CO-G | Refuge Manager | walking/monitoring/observing | | 132.5 | 50 | 132.5 | 50 | 0 | 0 |
| CO-G | Refuge Manager | surficial soil sampling | | 82 | 50 | 82 | 50 | 0 | 0 |
| CO-G | Refuge Manager | walking over farmed area | | 0 | 0 . | 5 | 100 | 0 | 0 . |
| CO-G | Refuge Manager | firebreaks | | 0 | 0 | 20 | 100 | 0 | 0 `` |
| CO-G | Refuge Manager | oversight of water line maintenance/and f operations/trenching total | fill | 119 | 100 | 0 | 0 | 0 | 0 |
| M-G | Asst. Refuge Manager | Indoors | 70 | | | | | | |
| M-G | Asst. Refuge Manager | driving | | 0 | 0 | 45 | 100 | 0 | 0 |
| M-G | Asst. Refuge Manager | monitor road work | | 38 | 50 | 38 | 50 | 0 | 0 |
| M-G | Asst. Refuge Manager | ATV/hiking | | 0 | 0 | 0 | 0 | 400 | 100 |
| M-G | Asst. Refuge Manager | dike maintenance, monitoring | | 20 | · 50 | 20 | 50 | 0 | 0 |
| M-G | Asst. Refuge Manager | monitor construction total | | 104 | 100 | 0 | 0 | 0 | 0 |
| MV-D ^ | Refuge Operations Specia | alis Indoors | 85 | | | | | | |
| MV-D ^ | | alis monitor/evaluating activites | | 121.5 | 50 | 121.5 | 50 | 0 | 0 |
| MV-D ^ | Refuge Operations Specia | alis driving total | | 0 | 0 | 39 | 100 | 0 | 0 |
| M-E | Outdoor Rec. Planner | Indoors | 50 | | | | | | |
| M-E | Outdoor Rec. Planner | driving | | 0 | 0 | 216 | 100 | 0 | 0 |
| M-E | Outdoor Rec. Planner | hiking/tours | | 72 | 33.3 | · 72 | 33.3 | 72 | 33.3 |
| M-E | Outdoor Rec. Planner | tree planting | | 60 | 50 | 60 | 50 | 0 | . 0 |
| M-E | Outdoor Rec. Planner | sign poststotal | | 180 | 100 | 0 | 0 | 0 | . 0 |
| MV-J | Outdoor Rec. Planner | Indoors | 80 | | | | | ı | |
| MV-J | Outdoor Rec. Planner | driving | | 0 | 0 | 127 | 100 | 0 | . 0 |
| MV-J | Outdoor Rec. Planner | giving tours | | 16.67 | 33.3 | 16.67 | 33.3 | 16.67 | 33.3 |
| MV-J | Outdoor Rec. Planner | prescribed burns | | 0 | 0 | 105 | 100 | 0 | 0 |
| MV-J | Outdoor Rec. Planner | inspection/planning total | | 22.5 | 50 | 22.5 | 50 | 0 | 0 |
| CO-D | Outdoor Rec. Planner | Indoors | 90 | | | | | | |
| CO-D | Outdoor Rec. Planner | interpretive walks/photography | • | 16.67 | 33.3 | 16.67 | 33.3 | 16.67 | 33.3 |
| CO-D | Outdoor Rec. Planner | monitor volunteers/interns/YCC | | 40 | 50 | 40 | 50 | 0 | 0 |
| CO-A | Admin. Officer | Indoors | 70 | | | | | | ·· |
| CO-A | Admin. Officer | driving | | lo | 0 | 50 | 100 | 0 | 0 |
| CO-A | Admin. Officer | prescribed burns | | ١ ٥ | Ö | 40 | 100 | 0 | 0 |

Table R-1 Development of Wildlife Refuge Worker Evaceure Unite 1

| Individual | Job category | Task | % time indoors | hours in small areas outdoors (0-10 acres) | % time in small areas at specific tasks | hours in medium areas outdoors (10-500 acres) | % time in medium areas outdoors | hours in large areas outdoors (500-6000 acres) | % time in large areas outdoors |
|------------|----------------|--|-------------------|--|--|---|---------------------------------|--|--------------------------------|
| CO-A | Admin. Officer | property checks | - | 43.33 | 33.3 | 43.33 | 33.3 | 43.33 | . 33.3 |
| CO-A | Admin. Officer | lirebreaks total | | 0 | 0 | 15 | 100 | 0 . | 0 |
| MV-G ^ | Refuge guide | Indoors | 80 | | | | | | |
| MV-G ^ | Refuge guide | assist in interpretive program | | 30 | 100 | 0 | 0 | 0 | 0 |
| MV-G ^ | Refuge guide | bird banding total | , | 248 | 100 | . 0 | 0 | 0 | 0 |
| MV-H ^ | Refuge guide | Indoors | 80 | | | | | | |
| MV-H ^ | Refuge guide | interpretive program | | 864 | 100 | 0 | 0 | 0 | 0 |
| MV-H ^ | Refuge guide | bird banding | | 16 | 100 | 0 | 0 - | 0 | 0 |
| | | total | | | | | | | |
| MV-I | Refuge guide | Indoors | 80 | | | | | | |
| MV-I | Refuge guide | train volunteers/project | | 120 | 100 | 0 | 0 | 0 | 0 |
| MV-I | Refuge guide | litter cleanups | | 0 | 0 | 15 | 100 | 0 | 0 |
| MV-I | Refuge guide | driving | | 0 | 0 | 27 | 100 | 0 | 0 |
| MV-I | Refuge guide | environmental games for interpretive pro | gram | .60 | 50 | 60 | 50 | 0 | 0 |
| MV-I | Refuge guide | tours | | 40 | 33.3 | 40 | 33.3 | 40 | 33.3 |
| | | total | | | | | | | |
| CO-H ^ | Refuge guide | Indoors | 90 | | | | | | |
| CO-H ^ | Refuge guide | driving, including tours | | 0 | 0 | 96 | 100 | 0 | 0 |
| CO-H ^ | Refuge guide | trail tours | | 5 | 50 | 5 | 50 | 0 | 0 |
| CO-H ^ | Refuge guide | post holes total | | 12 | 100 | 0 | 0 | 0 | 0 |

^{1.} Estimation of Areas in which specific tasks performed by Wildlife Refuge Workers could take place, developed by CDPHE.

Data used: Times for specific tasks reported by Wildlife Refuge Workers in Rocky Mountain Arsenal (RMA) survey, 1990.

- = those individuals who reported they work at least 50% of their time outside.
- ^ = those individual who reported no work in year surveyed that typically is done on large areas

Original survey data from: Table B.2-14 (RMA IEA/RC Appendix B, 8/93) (reported times at middle and higher activities, outdoors) and from Table B.2att2-1,2,3,4,5,& 6 (RMA IEA/RC Appendix B, 2/15/94) (reported times doing specific tasks).

Survey was performed by Shell for the Army's Baseline Risk Assessment for the RMA.

Wildlife Refuge Workers from Malheur, Oregon (M), Minnesota Valley, MN (MV) and Crab Orchard, IL (CO) Wildlife Refuge Workers were included in the survey.

Carl Spreng and Diane Niedzwiecki of CDPHE then exercised their professional judgement in deciding how much land each type of task would typically be performed on.



Table B-2. Basis for 20 days WLRW Subsurfac Exposure Frequency

| hours | % | | |
|-------|------|------|------|
| 4 | 50 |] | |
| 32 | 50 | | |
| 21 | 100 | | |
| 8 | 100 | | |
| 80 | 100 | | |
| 10 | 100 | | |
| 30 | 50 | | |
| 60 | 50 | | |
| 180 | 100 | | |
| hrs. | | days | |
| Mean | Mean | Min | Max |
| 47.2 | 6 | 0.5 | 22.5 |

Data from Table B-1 Subsurface activities for individuals spending 30 to 70% time outside Used to estimate exposure frequency for subsurface exposures

Table B3. Calculations of Exposure Unit based on times a Wildlife Refuge Worker might typically spend working on specific size areas at Rocky Flats

| | | | small areas outdoors | | medium areas outdoors | | large areas outdoors (500-6000 |
|-------------|---|--------------------|-------------------------|---------------------|--------------------------|--------------------|--------------------------------------|
| | | | (0-10 acres) | | (10-500 acres) | | acres) |
| All workers | total n (tasks with hours reported) for all workers total hours spent by all workers in | | 180 | | 180 | | 180 |
| N = 33 | specific size areas: total time spent in all areas combined: | small | 12533.01 31188.03 | medium | 15471.01 31188.03 | large | 3184.01 31188.03 |
| | proportional time weighted factor, w _h | W _{small} | 0.401853211 | W _{medium} | 0.496056019 | W _{large} | 0.10209077 |
| | mean size of h strata, (acres) (professional judgme | | 5 2.009266055 | | 255 126.4942848 | J | 3251.091 331.906384 |
| | Mean EU size (time-weighted) (acres) | <u>460.4</u> | | | | | |
| Biological | | | | | | | |
| workers, * | biological worker = those who spent at least 50% | | • | | | | |
| N = 20 | of time working outside (marked by *) total n (tasks with hours reported) for | | | | | | |
| | biological workers total hours spent by biological | | 131 | | 131 | | 131 |
| · | workers in specific size areas: total time spent in all areas combined: | small | 9813.17 25731.01 | medium | 13393.17 25731.01 | large | 2524.67 25731.01 |
| • | proportional time weighted factor, w _h | W _{small} | 0.381375236 | W _{medium} | 0.520506968 | W _{large} | 0.0981178 |
| | mean size of h strata, (acres) (professional judgme | | 5 | | 255 | 95 | 3251.091 |
| | Mean EU size (time-weighted) (acres) | <u>453.6</u> | | | | | |

Table B3. Calculations of Exposure Unit based on times a Wildlife Refuge Worker might typically spend working on specific size areas at Rocky Flats

Small-

| mediun | i area small-med area workers spent 0 time in large ar | ea (^) | | | | | | |
|---------|---|--------|------|--------|------|-------|----|--|
| | total n (tasks with hours reported) for | | | | | | | |
| workers | s, ^ small-med area workers | | 81 | | 81 | | 81 | |
| | total hours spent by small-med | | | | • | | - | |
| N = 15 | workers in specific size areas: | small | 6851 | medium | 7242 | large | 0 | |

| total time spent in all areas combined: | | 14093 | | 14093 | | 14093 |
|---|--------------------|-------------|-----------------------|-------------|--------------------|----------|
| proportional time weighted factor, w _h | W _{small} | 0.486127865 | \mathbf{W}_{medium} | 0.513872135 | W _{large} | 0 |
| mean size of h strata, (acres) (professional judgment | :) | 5 | | 255 | | 3251.091 |

| Mean EU size (time-weighted) (acres) | <u>133.47</u> |
|--------------------------------------|---------------|
| | |
| RSALs | 300 |

Please note:

- An exposure unit (EU) does NOT equal a sampling unit.
- An EU is the area over which long-term exposure for a given receptor is estimated.
- Data collected in a particular EU is averaged together to get an idea of the concentration to which that receptor would be exposed over a long period.
- Dissimilar data should not be combined into a single EU, since they may represent more than one population.
- The size of sampling units in a particular area should be determined by the confidence one has in the available data and in the historical evidence for contamination there.
- If an area was known to be contaminated or if the available data indicates the variability is high, the sampling unit would be smaller, since the statistical confidence is lower.
- EPA DQO guidance indicates that acceptable statistical confidence levels need to be chosen up-front. These confidence limits can be used to determine sampling unit size.

APPENDIX C
Risk Calculations

APPENDIX C TABLES

(these tables are available on CD from Anna Martinez at (303) 966-5881)



Table C-1. Spreadsheets to Calculate Human Health Risk and Hazards

| | Table 0-1. Spreadsheets to Galculate Hamail Health Hisk and Hazards | | | | | | | | |
|------------------|---|--|--|--|--|--|--|--|--|
| | Human Hea | Ith Risk Assessment for Solar Evaporation Ponds | | | | | | | |
| Step | Worksheet | Description | | | | | | | |
| 1 | "2002 Toxicity" | Presents toxicity factors used in the calculations. | | | | | | | |
| 2 "Exp. pt conc" | | Presents chemicals of concern for the Solar Evaporation Ponds (IHSS 101) risk assessment including: number of samples; percent detection; minimum; maximum; mean; and 95% UCL. | | | | | | | |
| 3 | "Equations WLRW" | Presents equations used in calculations. | | | | | | | |
| 4 | "WLRW Surface Intakes" | Presents factors used to calculate chemical intakes for a wildlife refuge worker from surface soil exposures, calculates intakes and presents the results. | | | | | | | |
| 5 | "WLRW Surface Soil Risk" | Presents factors used to calculate human health risks and hazards to a wildlife refuge worker from surface soil exposures, calculates risks and hazards and presents the results. | | | | | | | |
| 6 | "WLRW Subsurface Intakes" | Presents factors used to calculate chemical intakes for a wildlife refuge worker from subsurface soil exposures, calculates intakes and presents the results. | | | | | | | |
| 7 | "WLRW Subsurface Soil Risk" | Presents factors used to calculate human health risks and hazards to a wildlife refuge worker from subsurface soil exposures, calculates risks and hazards and presents the results. | | | | | | | |
| 8 | "% Risk by COC" | Presents the percent of the total risk due to each COC by exposure pathway and media. | | | | | | | |
| 9 | "Summary" | Summarizes results of the assessment. | | | | | | | |



Table C-2. Toxicity factors

| | | Dermal Absorption | Oral | | Dermal | Oral Ingestion | , i | Inhalation | | | * | Inhalation | | External | |
|-----------------------|------------|-----------------------|-------------|-----|--------------|---------------------------|-----|------------------|---------------------------------------|----------------|-------------|--|----|-----------------|----------|
| Analyte | CAS | Fraction ¹ | RfD | | Adjusted RfD | Slope Factor | | RfD | å | | , , , | Slope Factor | | Slope Factor | |
| | Number | | (mg/kg-day) | | | (mg/kg-day) ⁻¹ | | (mg/kg-day) | *::. | | | (mg/kg-day) ⁻¹ | | | |
| Cadmium | 7440-43-9 | 0.001 | 1.00E-03 | 1 | 2.50E-05 | | Ĺ | 5.70E-05 | Ε | | | 6.30E+00 | 1 | | |
| Chromium ² | 7440-47-3 | 0.001 | 3.00E-03 | 1 | 7.50E-05 | | | 3.00E-05 | ı | | | 4.10E+01 | Н | | |
| | | | | | | | | | | | | | | | \sqcap |
| 1.733 | | | Oral | | | Oral/In | ges | tion Slope Facto | rs (f |): | | and the state of t | | | |
| | | 1. 2.5 | RfD | 100 | | (risk/pCi) | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | - 11 - 13 - 1 | . `, | (risk/pCi) | (r | isk/yr per pCi/ | g) |
| | | | (mg/kg-day) | | | Water Ingestion | | Food Ingestion | | Soil Ingestion | (25) | | | | |
| Am-241 | 14596-10-2 | | | | | 1.04E-10 | Е | 1.34 E-10 | Ε | 9.1E-11 | R | 2.78E-08 | Е | 2.76E-08 | E |
| Pu-239 | 15117-48-3 | | | | | 1.35E-10 | E | 1.74E-10 | Е | 1.21E-10 | R' | 3.33E-08 | Е | 2.00E-10 | E |
| U-234 | 13966-29-5 | 0.001 | 3.00E-03 | ı | | 7.07E-11 | E | 9.55E-11 | E | 5.11E-11 | R | 1.14E-08 | Е | 2.52E-10 | E |
| U-235 | 15117-96-1 | 0.001 | 3.00E-03 | Ī | | 6.96E-11 | Ε | 9.44E-11 | Ε | 4.92E-11 | R | 1.01E-08 | Ε | 5.18E-07 | E |
| U-238 | 7440-61-1 | 0.001 | 3.00E-03 | Ī | | 6.4E-11 | Ε | 8.66E-11 | E | 4.66E-11 | R | 9.35E-09 | Ε | 4.99E-11 | E |

Notes:

- 1. Values for DAF are from EPA, 2001. Values for chromium are default values based on the value for cadmium.
- 2. Assessed as chromium (VI).

I = IRIS

E = NCEA provisional value

H = HEAST

R = RSALS PPRG Tables

References:

IRIS, 2001 = U.S. Environmental Protection Agency. 1998. Integrated Risk Information System. On-line database. Office of Research and Development, Cincinnati, OH. June.

HEAST 1997 = U.S. Environmental Protection Agency. 2001. Health Effects Assessment Summary Tables

HEAST 2001 = U.S. Environmental Protection Agency. 2001. Health Effects Assessment Summary Tables, Radionuclide Table,

EPA, Office of Radiation and Indoor Air (ORIA), April.

EPA 2001 = U.S. Environmental Protection Agency. 2001. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Interim, EPA/540/R/99/005, OSWER 9285.7-02EP, PB99-963312, September.

Table C-3. Solar Ponds Uranium Conversion from Activity to Mass

| Assumptions: | · · · · · · · · · · · · · · · · · · · | | · · · · · · · · · · · · · · · · · · · | |
|--------------------|---------------------------------------|------------------------|--|----------|
| | | Specific Activit | y Programme and the second second second second second second second second second second second second second | |
| U-238 | 3.35E-07 | Ci/g | 1.24E-08 TE | 3q/g |
| U-235 | 2.16E-06 | Ci/g | 7.99E-08 TE | |
| U-234 | 6.24E-03 | Ci/g | 2.31E-04 TE | 3q/g |
| U-234 Accounts for | all U-233/U-234 | Activity | | • |
| Calculations: | To convert fro | m pCi/g to mg/l | kg | |
| 1 | g of material or 10 | per kg 100 | | |
| | Sı | urface Soil COC | s: | |
| | pCi/g | Ci | g/kg | mg/kg |
| U-233/U-234 | 6.53 | 6.53E-09 | 1.05E-06 | 1.05E-03 |
| U-235 | 0.289 | 2.89E-10 | 1.34E-04 | 1.34E-01 |
| U-238 | 3.77 | 3.77E-09 | 1.13E-02 | 1.13E+01 |
| | Dona | Liner Material | | |
| | FOIIu | <u>Enler Materials</u> | CC CS. | |
| U-235 | 0.21 | 2.06E-10 | 9.54E-05 | 9.54E-02 |
| | | | | |
| | Sub | surface Soil CC |)Cs: | |
| | | | | |
| U-233/U-234 | 3.65 | 3.65E-09 | 5.84E-07 | 5.84E-04 |
| U-235 | 0.153 | 1.53E-10 | 7.09E-05 | 7.09E-02 |
| U-238 | 2.14 | 2.14E-09 | 9.88E-04 | 9.88E-01 |



Table C-4. Exposure point concentrations

| Exposure Po | oint Concent | rations for So | lar Evaporati | on Ponds H | uman Healt | h Risk Assessn | nent.1 |
|-------------------|--------------|----------------------|-------------------|-------------------|-------------------|----------------------|---------------|
| Analyte | No. of | Percent Detection | Minimum | Maximum Detect | Mean | 95% UCL ² | 95% UCL |
| | | % | mg/kg or pCi/g | mg/kg or pCi/g | mg/kg or pCi/g | mg/kg | pCi/g |
| | | | Surface Soil | COCs | | State of the | 1964) 11 12 h |
| Cadmium | 73 | 59 | 0.135 | 382 | 20.1 | 38.1 | |
| Chromium | 73 | 97 | 0.47 | 120 | 20.3 | 24.8 | |
| Americum-241 | 69 | 100% | 0.011 | 130 | 9.11 | | 14.7 |
| Plutonium-239/240 | 60 | 100% | 0.013 | 56 | 4.19 | | 6.1 |
| Uranium-234 | 71 | 100% | 0.51 | 63.4 | 4.16 | 0.001 | 6.5 |
| Uranium-235 | 71 | 76% | -0.008 | 2.3 | 0.186 | 0.134 | 0.289 |
| Uranium-238 | 72 | 100% | 0.31 | 27 | 2.73 | 11.3 | 3.77 |
| | 经分额代约 | Рог | d Liner Mate | rial COCs | | | i fiyati bir |
| Americium-241 | 15 | 60% | 0.003 | 8.188 | 1.70 | | 10,633 |
| Uranium-235 | 15 | 67% | 0.018 | 0.27 | 0.13 | 0.095 | 0.21 |
| | | 🔅 🐧 Sા | ıbsurface So | il COCs | | | CASE YES |
| Cadmium | 97 | 30% | 0.09 | 547 | 12.5 | 9.6 | |
| Americum-241 | 95 | 86% | -0.04 | 6.1 | 0.487 | | 0.69 |
| Plutonium-239/240 | 98 | 83% | -0.06 | 19.78 | 0.639 | | 1.20 |
| Uranium-234 | 118 | 99% | 0 | 21 | 2.92 | 0.0006 | 3.65 |
| Uranium-235 | 99 | 72% | 0 | 0.87 | 0.125 | 0.071 | 0.153 |
| Uranium-238 | 118 | 97% | 0.1 | 11.46 | 1.95 | 0.99 | 2.14 |

⁽¹⁾ The 95% UCL was used as the exposure point concentration for all COCs except Am-241 for liner material for which the maximum was used.

⁽²⁾ The 95UCL concetrations for mineral uranium was calculated from the 95UCL for the radionuclide.

Wildlife Refuge Worker Scenario¹

Risk Equations - Radionuclides

Inhalation Risk = CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF) x 1000 x SFi

Ingestion Risk = CSs x IR_s x EF x ED x AWF x AUF x 0.001 x SFo

External Radiation Risk = CSs x ED x EF/365 x ET/24 x AWF x AUF x SFe

Risk Equations - Inorganics and Organics

Inhalation Risk = [(CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF))/(BW x ATc)] x SFinh

Ingestion Risk = [(CSs x IR_s x EF x ED x AWF x AUF x 0.000001)/(BW*ATc)] x SFo

Dermal Risk = [(CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001)/(BW x ATc)] x SFo

Noncarcinogenic Hazard Quotient Equations - Inorganics and Organics

Inhalation HQ = (CSs x IR_h x ET x EF x ED x ETo x AWF x AUF x (1/PEF))/(BW x ATn x RfDi) Ingestion HQ = (CSs x IR_s x ED x EF x AWF x AUF x 0.000001)/(BW x ATn x RfDo)

Dermal HQ = (CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001)/(BW x ATn x RfDo)

| | 1 | | |
|----------|-------------------------------------|------------------------|----------|
| CSs | Concentration in soil | mg/kg or pCi/g | |
| IR_h | Hourly inhalation rate | m3/hr | |
| IR_s | Soil ingestion rate | mg/day | |
| ET | Exposure time | hr/day | · |
| EF | Exposure frequency | day/yr | |
| ED | Exposure duration | yr | , |
| ETo | Exposure time fraction, outdoors | unitless | Set to 1 |
| EV | Events per day | ev/d | Set to 1 |
| AWF | Area Weighting Factor | unitless | |
| AUF | Area Use Factor | unitless | Set to 1 |
| EF/365 | Gamma exposure factor (annual) | unitless | |
| ET/24 | Gamma exposure factor (daily) | unitless | |
| PEF | Site-specific PEF based on ML | m3/kg | |
| SA_s | Surface Area of Exposed Skin - Soil | cm ² | |
| AF_d | Dermal Adherance Factor | mg/cm ² -ev | |
| DAF | Dermal Absorption Fraction | unitless | |
| SFinh | Inhalation slope factor | (2) | |
| SFo | Oral slope factor | (2) | |
| SFe | External radiation slope factor | (2) | |
| BW | Body Weight | . kg | · |
| ATc | Carcinogenic Averaging Time | days | |
| ATn | Noncarcinogenic Averaging Time | days | |
| RfDi | Inhalation reference dose | (mg/kg-day) | |
| RfDo | Inhalation reference dose | (mg/kg-day) | |
| ACF | Area correction factor | unitless | |
| (1 - Se) | Gamma shielding factor | unitless | Set to 1 |

- 1. Based on the wildlife refuge worker scenario developed by the RSALS Working Group.
- 2. Slope factors for inorganic and organic COCs are in units of (mg/kgday)¹.

Slope factors for radionuclides inhalation and ingestion exposures are in units of risk/pCi.

Slope factors for External Exposures are in units of risk/yr per pCi/g.

Table C-6. Sheet for calculation of WLRW surface soil and liner intakes

| Chemical Intakes | for the Wildlife R | efuge Worker fro | m Surface Soil | and Liner Material at the Solar Ponds |
|-------------------------------------|--------------------|------------------|----------------|---|
| Wildlife Refuge Worker | | | Point | Sources |
| Exposure Variable | Acronym | Units | Estimate | |
| Body Weight | BW | kg | 70 | EPA default |
| Exposure time | ET | hr/day | 4 | RSALS Task 3 |
| Exposure time fraction, outdoors | ETo | unitless | 1 | No Building |
| Area Use Factor | AUF | unitless | 1 | AOC area/EU area |
| Exposure frequency | EF | day/yr | 230 | EPA default of 250 days minus 20 days for subsurface activities |
| Exposure duration | ED | yr | 18.7 | RSALS Task 3 |
| Events per day | EV | er/d | 1 | Unit correction |
| Carcinogenic Averaging Time | ATC | days | 25550 | 70 yr. x 365 days/yr |
| Noncarcinogenic Averaging Time | ATn | days | 6826 | 18.7 yr. x 365 days/yr |
| Hourly inhalation rate | IR_h | m3/hr | 1.3 | RSALS Task 3 |
| Mass loading | ML | kg/m3 | 2.12E-08 | 50th percentile of RSALS distibution |
| Site-specific PEF based on ML | PEF | m3/kg | 47169811 | 1/ML · |
| Soil ingestion rate | IR_s | mg/day | 100 | EPA default |
| Dermai Adherance Factor | AF_d | mg/cm2 | 0.1 | EPA, 2001 |
| Surface Area of Exposed Skin - Soil | SA_s | cm2 | 4260 | EPA, 1997 |
| Area Weighting Factor-Pond liners | AWFpl | unitless | 0.2 | SEP area/AOC area |
| Area Weighting Factor-Solls | AWFs | unitless | 0.8 | Surface soil area/AOC area |
| Gamma exposure factor (annual) | EF/365 | unitless | 0.63 | EF/365 |
| Gamma exposure factor (daily) | ET/24 | unitless | 0.17 | ET/24 per Rags Part B (EPA, 1993) |
| Gamma shielding factor | (1 - Se) | unitless | 1 | EPA, 1993 |

| coc | Ca | Carcinogenic Intakes from Surface Soil | | | | | | | |
|-------------------|------------|--|-----------------|----------|----------|--|--|--|--|
| | Inhalation | Ingestion | Dermal | External | Intake | | | | |
| | | mg/k | g-day | | | | | | |
| Cadmium | 8.07E-09 | а | а | NA | 8.1E-09 | | | | |
| Chromium | 5.27E-09 | а | а | NA | 5.3E-09 | | | | |
| | Non- | Carcinogenic Inte | kes from Surfac | e Soil | | | | | |
| Cadmium | 3.02E-08 | 2.74E-05 | 1.17E-04 | NA | 1.44E-04 | | | | |
| Chromium | 1.97E-08 | 1.79E-05 | 7.62E-05 | NA | 9.41E-05 | | | | |
| Uranium-234 | a | 7.54E-10 | 3.21E-09 | NA . | 3.97E-09 | | | | |
| Uranium-235 | а | 9.62E-08 | 4.10E-07 | NA | 5.06E-07 | | | | |
| Uranium-238 | a | 8.11E-06 | 3.46E-05 | NA | 4.27E-05 | | | | |
| | F | Radiation Intakes from Surface Soil | | | | | | | |
| | Р | Ci | | yr/pCi/g | | | | | |
| Americium-241 | 5.58E+00 | 5.06E+03 | NA | 2.31E+01 | NA | | | | |
| Plutonium-239/240 | 2.30E+00 | 2.09E+03 | NA | 9.52E+00 | NA | | | | |
| Uranium-234 | 2.48E+00 | 2.25E+03 | NA | 1.03E+01 | NA | | | | |
| Uranium-235 | 1.10E-01 | 9.94E+01 | NA | 4.54E-01 | NA | | | | |
| Uranium-238 | 1.43E+00 | 1.30E+03 | NA | 5.93E+00 | NA | | | | |
| | | | | | | | | | |
| | Ct | rcinogenic Intak | | ner | | | | | |
| | | | g-day | | | | | | |
| NA NA | NA NA | NA | NA | NA | NA | | | | |
| | Non- | Carcinogenic Int | | Liner | | | | | |
| Uranium-235 | a | 1.72E-08 | 1.70E-11 | NA | 1.72E-08 | | | | |
| | | Radiation Intakes | from Pond Line | r . | | | | | |
| | р | Ci | | yr/pCi/g | | | | | |
| Americium-241 | 7.76E-01 | 7.04E+02 | NA | 3.22E+00 | NA | | | | |
| Uranium-235 | 1.95E-02 | 1.77E+01 | NA | 8.09E-02 | NA | | | | |

a. No toxicity factor available for this exposure pathway. NA. Not applicable

Table C-7. Calculation sheet for surface soil and liner risks and hazard quotients

| | | Risk by | AOC and Media | | Total |
|----------------------------|------------|-----------|---------------|----------|---------|
| Medium | | Non | radiological | | Risk |
| | Inhalation | Ingestion | Dermal | External | |
| Surface Soil | 2.67E-07 | а | a | NA | 2.7E-07 |
| Liner | NA | NA | NA | NA | NA |
| Total Nonradiological Risk | | | | | 3E-07 |
| | | Ra | diological | | |
| Surface Soil | 2.74E-07 | 8.93E-07 | NA | 8.77E-07 | 2.0E-06 |
| Liner | 2.18E-08 | 6.50E-08 | NA | 1.31E-07 | 2.2E-07 |
| Total Radiological Risk | | | | | 2E-06 |
| | | Hazard | ndex by Media | | Total |
| Medium | | Non | radiological | | HI |
| | Inhalation | Ingestion | Dermal | External | |
| Surface Soil | 0.001 | 0.03 | 0.008 | NA | 0.04 |
| Liner | a | 0.00002 | 0.00000000002 | NA | 0.00002 |
| Total Nonradiological Risk | | | | | 0.04 |

| | 1 | | | l l |
|-------------------------------------|----------|------------|-------------------|---|
| Exposure Variable | Acronym | Units | Point Estimate | Sources |
| Body Weight | BW | kg | 70 | EPA default |
| Exposure time | ET | hr/day | 4 | RSALS Task |
| Exposure time fraction, outdoors | ETo | unitless | 1 | No Building |
| Area Use Factor | AUF | unitless . | 1 | AOC area/EU area |
| Exposure frequency | EF | day/yr | 230 | EPA default: 250 d/yr - 20 d/yr for subsurface exp. |
| Exposure duration | ED | yr | 18.7 | RSALS Task 3 |
| Events per day | EV | er/d | 1 | Unit correction |
| Carcinogenic Averaging Time | ATc | days | 25550 | 70 yr. x 365 days/yr |
| Noncarcinogenic Averaging Time | ATn | days | 6826 | 18.7 yr. x 365 days/yr |
| Hourly inhalation rate | IR_h | m3/hr | 1.3 | RSALS Task 3 |
| Mass loading | ML | kg/m3 | 2.12E-08 | 50th percentile of RSALS distibution |
| Site-specific PEF based on ML | PEF | m3/kg | 47169811 | 1/ML |
| Soil ingestion rate | IR_s | mg/day | 100 | EPA default |
| Dermal Adherance Factor | AF_d | mg/cm2 | 0.1 | EPA, 2001 |
| Surface Area of Exposed Skin - Soil | SA_s | cm2 | 4260 | EPA, 1997 |
| Area Weighting Factor-Pond liners | AWFpl | unitless | 0.2 | SEP area/AOC area |
| Area Weighting Factor-Soils | AWFs | unitless | 0.8 | Surface soil area/AOC area |
| Gamma exposure factor (annual) | EF/365 | unitless | 0.63 | EF/365 |
| Gamma exposure factor (daily) | ET/24 | unitless | 0.17 | ET/24 per Rags Part B (EPA, 1991) |
| Gamma shielding factor | (1 - Se) | unitless | 1 | EPA, 1991, set to 1 |

| COC | | Carcinogenic Risks from Surface Soil | | | | |
|-------------------|--|--------------------------------------|----------------------|------------|--------------|--|
| | Inhalation | Ingestion | Dermal | External | | |
| Cadmium | 5.09E-08 | a | а | NA | 5.1E-08 | |
| Chromium | 2.16E-07 | a | a | NA | 2.2E-07 | |
| | Non-C | arcinogenic Haz | ard Quotients for Su | rface Soil | Hazard Index | |
| Cadmium | 0.0005 | 0.03 | 0.005 | NA | 0.03 | |
| Chromium | 0.0007 | 0.006 | 0.001 | NA | 0.007 | |
| Uranium-234 | a | 0.0000003 | 0.00000001 | NA | 0.000003 | |
| Uranium-235 | а | 0.00003 | 0.000001 | NA . | 0.00003 | |
| Uranium-238 | а | 0.003 | 0.00001 | NA | 0.003 | |
| | | | | | - | |
| | Radiological Risks from Surface Soil Total | | | | | |
| Americium-241 | 1.55E-07 | 4.60E-07 | NA | 6.37E-07 | 1.3E-06 | |
| Plutonium-239/240 | 7.65E-08 | 2.52E-07 | NA | 1.90E-09 | 3.3E-07 | |
| Uranium-234 | 2.83E-08 | 1.15E-07 | NA | 2.59E-09 | 1.5E-07 | |
| Uranium-235 | 1.11E-09 | 4.89E-09 | NA | 2.35E-07 | 2.4E-07 | |
| Uranium-238 | 1.34E-08 | 6.05E-08 | NA | 2.96E-10 | 7.4E-08 | |
| | | | | | | |
| | | Carcinogenic Risks from Pond Liner | | | | |
| NA | NA | NA | NA | NA | NA | |
| | Non-Ca | arcinogenic Haz | ard Quotients for Po | nd Liners | Hazard Index | |
| Uranium-235 | а | 0.00002 | 0.00000000002 | | 0.000 | |
| | | Radiological R | isks from Pond Line | rs | Total Risk | |
| . Americium-241 | 2.16E-08 | 6.41E-08 | NA | 8.88E-08 | 1.7E-07 | |
| Uranium-235 | 1,97E-10 | 8.72E-10 | NA | 4.19E-08 | 4.3F-08 | |

a. No toxicity factor available for this calculation. NA. Not applicable

EPA. 1993. Federal Guidance Report No. 12. External Exposure to Radionuclides in Air, Water, and Soil. EPA-402-R-93-081. September. EPA, 1997. Exposure Factors Handbook, Vol1. EPA/600/P-95/002Fc, ORD, Washington, D.C. August. EPA 2001 = U.S. Environmental Protection Agency. 2001. Risk Assessment Guidance for Superfund Volume I: Human Healthe Evaluation Manual (Part E, Supplemental Guidance for

Dermal Risk Assessment), Interim, EPA/540/R/99/oo5, OSWER 9285.7-02EP, PB99-963312, September.



Table C-8. Sheet for calculation of WLRW subsurface soil and liner intakes

| Wildlife Refuge Worker | | | Point | Sources |
|-------------------------------------|----------|----------|----------|---|
| Exposure Variable | Acronym | Units | Estimate | |
| Sody Weight | BW | kg | 70 | EPA default |
| xposure time outdoors | ET | hr/day | _4 | RSALS Task 3 |
| rea Use Factor | AUF | unitless | 1 | AOC area/EU area |
| xposure frequency | EF | day/yr | 20 | WLRWs in Rocky Mountain Arsenal (RMA) survey, 1990. |
| xposure duration | ED | yr | 18.7 | RSALS Task 3 |
| vents per day | EV | er/d | 1 | Unit correction |
| Carcinogenic Averaging Time | ATc | days | 25550 | 70 yr. x 365 days/yr |
| Ioncarcinogenic Averaging Time | ATn | days | 6826 | 18.7 yr. x 365 days/yr |
| fourly inhalation rate | IR_h | m3/hr | 1.3 | RSALS Task 3 |
| Mass loading | ML, | kg/m3 | 2.12E-08 | 50th percentile of RSALS distibution |
| ite-specific PEF based on ML | PEF | m3/kg | 47169811 | 1/ML |
| Soil ingestion rate | IR_s | mg/day | 100 | EPA default |
| Dermal Adherance Factor | AF_d | mg/cm2 | 0.1 | EPA, 2001 |
| Surface Area of Exposed Skin - Soil | SA_s | cm2 | 4260 | EPA, 1997 |
| Samma exposure factor (annual) | EF/365 | unitless | 0.05 | EF/365 |
| Samma exposure factor (daily) | ET/24 | unitless | 0.17 | ET/24 per Rags Part B (EPA, 1993) |
| Samma shielding factor | (1 - Se) | unitless | 1 | EPA, 1993 |

| coc | C | Total | | | |
|-------------------|------------|----------------------|--------------------|----------|----------|
| | inhalation | Ingestion | Dermal | External | Intake |
| | | mg/k | g-day | | mg/kg-da |
| Cadmium | 2.22E-10 | a | a | NA | 2.2E-10 |
| | No | ncarcinogenic Intake | s from Subsurface | Sall | |
| Cadmium | 8.31E-10 | 7.54E-07 | 3.21E-06 | NA | 3.97E-06 |
| Uranium-234 | a | 4.57E-11 | 1.95E-10 | NA | 2.41E-10 |
| Uranium-235 | a | 5.55E-09 | 2.36E-08 | NA | 2.92E-08 |
| Uranium-238 | a | 7.74E-08 | 3.30E-07 | NA | 4,07E-07 |
| | | Radiation Intakes fr | om Subsurface Soil | | |
| | P | Ci | | yr/pCi/g | pCi |
| Americium-241 | 2.85E-02 | 2.59E+01 | NA | 1.18E-01 | 2.6E+01 |
| Plutonium-239/240 | 4.96E-02 | 4.50E+01 | NA | 2.06E-01 | 4.5E+01 |
| Uranium-234 | 1.50E-01 | 1.36E+02 | NA | 6.23E-01 | 1.4E+02 |
| Uranium-235 | 6.32E-03 | 5.73E+00 | NA | 2.62E-02 | 5.7E+00 |
| Uranium-238 | 8.80E-02 | 7.98E+01 | | 3.65E-01 | 8.0E+01 |



Table C-9. Calculation sheet for subsurface soil and liner risks and hazard quotients

| Risk by Medium and Pathway | | | | | | |
|-------------------------------------|--------------|---------------|--------------------------|------------------------|-----------------|--|
| Medium | - | Total Risk | | | | |
| wediam | Inhalation | Ingestion | onradiological Dermal | External | by Medium | |
| Subsurface | 1.40E-09 | a | a | NA | 1.4E-09 | |
| | | | | | | |
| | | | Radiological | | | |
| Subsurface | 5.05E-09 | 1.59E-08 | NA | 1.78E-08 | 3.9E-08 | |
| | | Hozord Inc | dex by AOC and Me | odia | Total | |
| Medium | | | onradiological | | HI. | |
| mediam. | Inhalation | Ingestion | Dermal | External | by Medium | |
| Subsurface | 0.00001 | 0.001 | 0.00012845 | NA | 0.001 | |
| | | | | | | |
| Wildlife Refuge Worker | | | Point | Sources | | |
| Exposure Variable | Acronym | Units | Estimate | | | |
| Body Weight | BW | kg | 70 | EPA default | | |
| xposure time outdoors | ET | hr/day | 4 | RSALS Task 3 | | |
| Area Use Factor | AUF | unitless | 1 | AOC area/EU area | | |
| xposure frequency | EF | day/yr | 20 | WLRWs in RMA surv | ey, 1990. | |
| xposure duration | ED | yr | 18.7 | RSALS Task 3 | | |
| vents per day | EV | er/d | 1 | Unit correction | | |
| Carcinogenic Averaging Time | ATc | days | 25550 | 70 yr. x 365 days/yr | | |
| Noncarcinogenic Averaging Time | ATn | days | 6826 | 18.7 yr. x 365 days/yr | | |
| lourly inhalation rate | IR_h | m3/hr | 1.3 | RSALS Task 3 | | |
| Mass loading | ML | kg/m3 | 2.12E-08 | 50th percentile of RS | ALS distibution | |
| Site-specific PEF based on ML | PEF | m3/kg | 47169811 | 1/ML | | |
| Soil ingestion rate | IR_s | mg/day | 100 | EPA default | | |
| Dermal Adherance Factor | AF_d | mg/cm2 | 0.1 | EPA, 2001 | | |
| Surface Area of Exposed Skin - Soil | SA_s | cm2 | 4260 | EPA, 1997 | | |
| Gamma exposure factor (annual) | EF/365 | unitless | 0.05 | EF/365 | | |
| Gamma exposure factor (daily) | ET/24 | unitless | 0.17 | ET/24 per Rags Part | B (EPA, 1991) | |
| Gamma shielding factor | (1 - Se) | unitless | 1 | EPA, 1991 | | |

| | | Total Risk | | | | | |
|-------------------|------------|---|---------------|----------|------------|--|--|
| | Inhalation | Ingestion | Dermal | External | | | |
| Cadmium | 1.40E-09 | а | a | NA | 1.40E-09 | | |
| | Non | Noncarcinogenic Hazard Quotients for Surface Soil | | | | | |
| Cadmium | 0.00001 | 0.001 | 0.0001 | NA | 0.001 | | |
| Uranium-234 | а | 0.00000002 | 0.000000001 | NA | 0.00000002 | | |
| Uranium-235 | а | 0.000002 | 0.00000000002 | NA | 0.000002 | | |
| Uranium-238 | а | 0.00003 | 0.000000003 | NA | 0.00003 | | |
| | | Radiological Risks from Surface Soil | | | | | |
| Americium-241 | 7.94E-10 | 2.36E-09 | NA | 3.26E-09 | 6.4E-09 | | |
| Plutonium-239/240 | 1.65E-09 | 5.45E-09 | NA | 4.11E-11 | 7.1E-09 | | |
| Uranium-234 | 1.71E-09 | 6.97E-09 | NA | 1.57E-10 | 8.8E-09 | | |
| Uranium-235 | 6.38E-11 | 2.82E-10 | NA | 1.35E-08 | 1.4E-08 | | |
| Uranium-238 | 8.23E-10 | 3.72E-09 | NA | 1.82E-11 | 4.6E-09 | | |

My

Table C-10. Percent risk by COC, pathway, and medium

| · · • | riidlife Wo | rker Risk Contril | <u> </u> | | | ation Ponds | | 1 1 1 |
|---|----------------------------------|---------------------------|----------------------|----------------|----------------------|--|-------------|--------------|
| | | | | ner on Surface | | | | |
| Medium and COC | | | onradiolog | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | <u> </u> | 15 |
| | | halation | | gestion | 1 16 1 A | ermal · | s \$5,50 | Percent |
| (2012) 보통 - BERT E | Risk | Percent | | Percent | Risk | | Total risk | Total 🥶 |
| <u> </u> | | COC/Pathway | | COC/Pathway | 1 6 6 | COC/Pathway | | Media |
| Surface Soil | | Contribution | | Contribution | | Contribution | * * * * * | Contribution |
| Cadmium | 5.09E-08 | 19% | а | | a | | | - |
| Chromium | 2.16E-07 | | a | | a | | | |
| Total by Pathway & Media | 2.67E-07 | 99.5% | | | | | 2.67E-07 | 99.5% |
| Liner Material on Surface | I | | | | | | | |
| NA | NA | NA | NA | | NA | | | |
| Total by Pathway & Media | NA | NA | | | | | NA | NA |
| Subsurface | | | | | | | | |
| Cadmium | 1.40E-09 | 0.52% | а | | a | | | |
| Total by Pathway & Media | 1.40E-09 | 0.52% | | | | · · · · · · · · · · · · · · · · · · · | 1.40E-09 | 0.52% |
| Total by Pathway | 2.68E-07 | 100.0% | | | | | 2.7E-07 | 100% |
| 4235 | 3-85 | (1) 1 % (N.) | Ra | diological | * | 2 2 3 | . ૧૮મ) શ્રે | |
| Surface | 1 | halation | | gestion | | xternal | 6.2 | |
| Americium-241 | 1.55E-07 | 51.6% | 4.60E-07 | 47.3% | 6.37E-07 | 62.2% | | |
| Plutonium-239/240 | 7.65E-08 | 25.5% | 2.52E-07 | 25.9% | 1.90E-09 | 0.2% | | |
| Uranium-234 | 2.83E-08 | | 1.15E-07 | 11.8% | 2.59E-09 | 0.3% | | |
| Uranium-235 | 1.11E-09 | 0.4% | 4.89E-09 | 0.5% | 2.35E-07 | 22.9% | | |
| Uranium-238 | 1.34E-08 | 4.5% | 6.05E-08 | 6.2% | 2.96E-10 | 0.03% | | |
| Total by Pathway & Media | 2.74E-07 | 91.3% | 8.93E-07 | 91.8% | 8.77E-07 | 85.6% | 2.0E-06 | 89.0% |
| Liner Material on Surface | <u> </u> | | ····· | | | | | |
| Americium-241 | 2.16E-08 | 7.2% | 6.41E-08 | 6.6% | 8.88E-08 | 8.7% | | |
| Uranium-235 | 1.97E-10 | 0.1% | 8.72E-10 | 0.1% | 4.19E-08 | 4.1% | | |
| Total by Pathway & Media | 2.18E-08 | 7.3% | 6.50E-08 | 6.7% | 1.31E-07 | 12.7% | 2E-07 | 9.5% |
| Subsurface | | | | | | - | | |
| | 7,94E-10 | 0.26% | 2.36E-09 | 0.2% | 3.26E-09 | 0.32% | | |
| Americium-241 | 1.54L-10 | | | 0.00/ | 4 11 5 11 | 0.0040% | | l |
| Americium-241 Plutonium-239/240 | 1.65E-09 | 0.55% | 5.45E-09 | 0.6% | 4.11E-11 | [U.UU4U% | | l |
| Plutonium-239/240 Uranium-234 | | | 5.45E-09 6.97E-09 | 0.6% | 1.57E-10 | 0.0040% | | |
| Plutonium-239/240 Uranium-234 Uranium-235 | 1.65E-09 | 0.57% | | | | | | |
| Plutonium-239/240 Uranium-234 | 1.65E-09 1.71E-09 | 0.57% 0.021% | 6.97E-09 | 0.7% | 1.57E-10 | 0.015% | | |
| Plutonium-239/240 Uranium-234 Uranium-235 | 1.65E-09 1.71E-09 6.38E-11 | 0.57% 0.021% 0.274% | 6.97E-09 2.82E-10 | 0.7% 0.03% | 1.57E-10 1.35E-08 | 0.015% 1.3% | 4.09E-08 | 1.8% |



Table C-11. Summary of risk and hazard index calculation results

| Risk | Summary for | the Solar Ev | aporation Ponds | The same of the same | | | |
|--|---|--------------|-----------------|---------------------------------------|--|--|--|
| · JANA WLR | W Risk by Me | dium and Ex | posure Pathway | આ જાજ જોવી મન્દ્રશે છુક્કે, આ | | | |
| ○ 「 | Medium (1994) Monradiological (1994) | | | | | | |
| | Inhalation | : ingestion | Dermal | Risk | | | |
| Surface Soil | 2.7E-07 | а | а | 2.7E-07 | | | |
| Liner | NA | NA | NA | NA | | | |
| Subsurface Soil | 1.4E-09 | а | а | 1.4E-09 | | | |
| Total Nonradiologi | cal Risk | | | 3E-07 | | | |
| I Then I have been been been a first to be | 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | Radiologi | cal | * * * * * * * * * * * * * * * * * * * | | | |
| | Inhalation | Ingestion | External | | | | |
| Surface Soil | 2.7E-07 | 8.9E-07 | 8.8E-07 | 2.0E-06 | | | |
| Liner on Surface | 2.2E-08 | 6.5E-08 | 1.3E-07 | 2.2E-07 | | | |
| Subsurface Soil | 5.0E-09 | 1.6E-08 | 1.8E-08 | 3.9E-08 | | | |
| Total Radiologica | al Risk | | | 2E-06 | | | |

| Hazard Index Summary for the Solar Evaporation Ponds | | | | | | | |
|--|-----------------------------|---------|---------------|---------|--|--|--|
| WLRW Hazard I | Media | | | | | | |
| | Inhalation Ingestion Dermal | | | | | | |
| Surface | 0.001 | 0.03 | 0.008 | 0.04 | | | |
| Liner | а | 0.00002 | 0.00000000002 | 0.00002 | | | |
| Subsurface Soil | 0.00001 | 0.001 | 0.0001 | 0.001 | | | |
| Total Hazard | Total Hazard Index | | | | | | |

